

### **2012 Occupational Outlook**

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# 2012 Kansas Occupational Outlook Technical Notes

This publication presents information by occupational title for the 22 major Standard Occupation Code (SOC) groups and 821 detailed occupations. For each SOC occupation, the tables illustrate the following:

- annual average employment for 2002
- projected annual average employment for 2012
- projected actual growth from 2002 to 2012
- projected percent change from 2002 to 2012
- total annual job openings

Occupational projections are the result of applying industry specific staffing patterns to long-term industry projections. With this structure in place, industry specific staffing patterns are applied to the base-year industry totals. Occupational staffing patterns arise from survey data collected from approximately 15,000 Kansas employers over a three-year cycle through the Occupational Employment Statistics (OES) program. Surveyed employers from all sectors of the economy indicate the number of persons they employ in individual occupations, resulting in a comprehensive snapshot of worker utilization. Occupational staffing patterns are created for each industry and their application to industry totals result in base-year occupational projections.

The 2002 employment data used in this publication is the annual average employment from the Quarterly Census of Employment and Wages (QCEW) for those employers covered by the Kansas Unemployment Insurance Law. The non-covered employment is obtained from the Current Employment Statistics (CES) program. Another component in creating complete statewide occupational projections requires the estimation of self-employed persons not covered by the state's Unemployment Insurance program. The U. S Department of Labor, Bureau of Labor Statistics (BLS) analyzes the proportion of workers in each occupation who are self-employed, and uses this data to compute occupation specific ratios. The ratios are applied to the all industry occupational totals by the projections software in both the base- and target-year, resulting in estimates of self-employed persons in the workforce by occupation.

The farmers and ranchers occupation (11-9012) was added within the Management occupational group; this total was derived from the U.S. Department of Agriculture's (USDA) Economic Research Service division. Employment from CES, BLS and the USDA was added to the QCEW industry estimates to achieve a representation of "total employment" in Kansas.

Except for the percent change, all detailed occupational data was rounded to the nearest 10 prior to summation in each occupational group. Due to rounding and suppression, the totals for all individual occupations may not match the total reported for occupational groups.

Net employment increase and net replacements, not represented in the tables, were calculated together to create the total annual openings which are presented in the tables. If employment change is negative, job openings due to growth are zero and total job openings equal net replacements. The openings by occupation, presented in the tables, represent opportunities for new workers to enter an occupation. When a worker moves from one company to another within the occupation, this is considered a turnover, and is not reflected in this data. Workers who permanently leave their occupation – due to retirement, death, career change, or any other reason – are a significant source of occupational opportunities. BLS provides occupation specific replacement rates that are applied to base-year projections, creating estimates of replacement need openings for the projection period.

Finally, these projections are estimates, and as such rely on the assumptions that historical trends will continue into the future. Those assumptions are:

- 1. The economic structure of the United States and Kansas will not change radically.
- 2. No major events will significantly alter the structure of the economy or alter the rate of economic growth.
- 3. Current social, technological and scientific trends will continue, including the value placed on work, education, income and leisure.

Job openings presented in this publication reflect only future labor demands, not current job openings. These projections should be viewed as indicators of probable direction rather than estimates of absolute value.

### Kansas

## Kansas Occupational Trends

Occupational employment in Kansas reached 1,501,520 in 2002 and is projected to reach 1,701,990 by 2012, or 13.4 percent growth over the period. New job openings across the state are expected to occur at a rate of 51,160 annually during the period.

The three largest occupational groups in Kansas in 2002 were: Office and Administrative Support, Management, and Sales and Related occupations, with 15.0, 11.4 and 10.3 percent of total employment respectively. These three groups represented nearly 37 percent of the employment in 2002. Although these groups are expected to maintain the lead in number of jobs among the 22 occupational groups in 2012, the largest employment percent change will occur in the Healthcare Support occupational group, which is projected to increase by 25.6 percent. The smallest percent change is expected in the Management occupational group, with a projected increase of only 4.7 percent.

The five occupations projected to add the most jobs from 2002 to 2012 represent more than 14 percent of all new jobs in Kansas. Two of the top five occupations projected to add the most jobs are in the **Healthcare Practitioners** and **Technical and Healthcare Support** occupational groups; **registered nurses** and **nursing aides, orderlies and attendants** are projected to add 7,500 and 5,220 jobs respectively.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 6,950, followed by the **Office and Administrative Support** occupational group with 6,650 annual openings. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 2,310, followed by **retail salespersons** with 1,960 annual openings. These two occupations represent more than 60 percent of the total annual jobs within the **Sales and Related** occupational group but less than 10 percent of the total annual openings across Kansas.

		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	Total, All Kansas Occupations	<u>1,501,520</u>		200,470	<u>13.4</u>	<u>51,160</u>
11-0000	Management Occupations	170,940	179,030	8,090	4.7	2,120
11-1011	Chief Executives	5,290	6,180	890	16.8	200
11-1021	General & Operations Managers	17,370	20,160	2,790	16.1	620
11-1031	Legislators	1,040	1,120	80	7.7	10
11-2011	Advertising & Promotions Managers	540	680	140	25.9	10
11-2021	Marketing Managers	1,360	1,610	250	18.4	50
11-2022	Sales Managers	3,060	3,900	840	27.5	120
11-2031	Public Relations Managers	400	490	90	22.5	10
11-3011	Administrative Services Managers	2,350	2,710	360	15.3	70
11-3021	Computer & Information Systems Managers	2,110	2,680	570	27.0	100
11-3031	Financial Managers	4,520	5,180	660	14.6	130
11-3040	Human Resources Managers	1,280	1,490	210	16.4	40
11-3051	Industrial Production Managers	2,460	2,700	240	9.8	60
11-3061	Purchasing Managers	730	740	10	1.4	20
11-3071	Transportation, Storage, & Distribution Managers	950	1,140	190	20.0	30
11-9011	Farm, Ranch, & Other Agricultural Managers	1,670	1,950	280	16.8	50
11-9012	Farmers & Ranchers	102,470	99,210	-3,260	-3.2	170
11-9021	Construction Managers	2,440	2,810	370	15.2	80
11-9031	Education Administrators, Preschool & Child Care					
	Center/Program	370	440	70	18.9	10
11-9032	Education Administrators, Elementary & Secondary School	2,550	3,170	620	24.3	130
11-9033	Education Administrators, Postsecondary	1,010	1,230	220	21.8	30
11-9039	Education Administrators, All Other	140	150	10	7.1	0
11-9041	Engineering Managers	2,290	2,630	340	14.8	70
11-9051	Food Service Managers	2,630	3,030	400	15.2	70
11-9061	Funeral Directors	1,020	1,060	40	3.9	30
11-9071	Gaming Managers	10	20	10	100.0	0
11-9081	Lodging Managers	270	280	10	3.7	0
11-9111	Medical & Health Services Managers	2,760	3,500	740	26.8	120
11-9121	Natural Sciences Managers	240	250	10	4.2	0
11-9131	Postmasters & Mail Superintendents	620	750	130	21.0	10
11-9141	Property, Real Estate, & Community Association Managers	1,100	1,310	210	19.1	40
11-9151	Social & Community Service Managers	860	1,010	150	17.4	20
11-9199	Managers, All Other	5,030	5,450	420	8.3	140
<b>13-0000</b> 13-1011	Business & Financial Operations Occupations Agents & Business Managers of Artists, Performers, &	51,300	59,380	8,080	15.8	1,640
	Athletes	70	110	40	57.1	0
13-1021	Purchasing Agents & Buyers, Farm Products	290	330	40	13.8	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	1,690	1,720	30	1.8	40
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	2 960	2 220	270	12.9	120
12 1021		2,860	3,230	370		120
13-1031 13-1032	Claims Adjusters, Examiners, & Investigators Insurance Appraisers, Auto Damage	2,290 90	2,560 90	270	11.8 0.0	60 0
13-1032	Compliance Officers, Except Agriculture, Construction,	90	90	0	0.0	U
10-1041	Health & Safety, & Transportation	2 200	2,400	100	4.3	60
13-1051	Cost Estimators	2,300 2,580	2,400 3,150	570	22.1	110
13-1051	Emergency Management Specialists	2,560 120	3,150 160	40	33.3	0
13-1061	Employment, Recruitment, & Placement Specialists	1,250	1,480	230	33.3 18.4	30
13-1071	Compensation, Benefits, & Job Analysis Specialists	1,030	1,480	250	24.3	40
13-1072	Training & Development Specialists	1,030	2,170	400	22.6	70
10-10/3	rianning a Developinioni Opecialists	1,770	۷,۱۱۰	400	22.0	70

		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
13-1111	Management Analysts	4,770	5,660	890	18.7	140
13-1121	Meeting & Convention Planners	400	470	70	17.5	10
13-1199	Business Operations Specialists, All Other	7,550	8,960	1,410	18.7	280
13-2011	Accountants & Auditors	9,670	11,660	1,990	20.6	390
13-2021	Appraisers & Assessors of Real Estate	950	1,080	130	13.7	30
13-2031	Budget Analysts	390	420	30	7.7	0
13-2041	Credit Analysts	550	600	50	9.1	10
13-2051	Financial Analysts	2,640	2,900	260	9.8	60
13-2052	Personal Financial Advisors	940	1,140	200	21.3	30
13-2053	Insurance Underwriters	970	1,040	70	7.2	20
13-2061	Financial Examiners	210	200	-10	-4.8	0
13-2071	Loan Counselors	90	110	20	22.2	0
13-2072	Loan Officers	3,890	4,270	380	9.8	100
13-2081	Tax Examiners, Collectors, & Revenue Agents	650	600	-50	-7.7	10
13-2082	Tax Preparers	600	800	200	33.3	20
13-2099	Financial Specialists, All Other	690	790	100	14.5	20
15-0000	Computer & Mathematical Occupations	30,250	36,340	6,090	20.1	990
15-1011	Computer & Information Scientists, Research	140	170	30	21.4	0
15-1021	Computer Programmers	4,250	4,390	140	3.3	120
15-1031	Computer Software Engineers, Applications	5,940	7,090	1,150	19.4	180
15-1032	Computer Software Engineers, Systems Software	1,860	2,450	590	31.7	80
15-1041	Computer Support Specialists	4,910	5,910	1,000	20.4	150
15-1051	Computer Systems Analysts	5,560	6,770	1,210	21.8	180
15-1061	Database Administrators	1,010	1,340	330	32.7	40
15-1071	Network & Computer Systems Administrators	3,040	3,870	830	27.3	120
15-1081	Network Systems & Data Communications Analysts	1,510	2,040	530	35.1	60
15-1099	Computer Specialists, All Other	930	1,150	220	23.7	30
15-2011	Actuaries	200	220	20	10.0	0
15-2031	Operations Research Analysts	760	790	30	3.9	10
15-2041	Statisticians Methometical Technicians	110	130	20	18.2	0
15-2091	Mathematical Technicians	10	10	0	0.0	0
15-2099	Mathematical Science Occupations, All Other	20	10	-10	-50.0	0
17-0000	Architecture & Engineering Occupations	30,310	34,130	3,820	12.6	950
17-1011	Architects, Except Landscape & Naval	830	1,210	380	45.8	50
17-1012	Landscape Architects	180	220	40	22.2	0
17-1021	Cartographers & Photogrammetrists	340	470	130	38.2	20
17-1022	Surveyors	390	490	100	25.6	20
17-2011	Aerospace Engineers	3,570	3,860	290	8.1	110
17-2021	Agricultural Engineers	20	40	20	100.0	0
17-2031	Biomedical Engineers	40	40	0	0.0	0
17-2041	Chemical Engineers	270	320	50	18.5	10
17-2051	Civil Engineers	1,710 400	2,080	370	21.6	60
17-2061 17-2071	Computer Hardware Engineers Electrical Engineers	1,210	450 1,360	50 150	12.5 12.4	20 40
17-2071	Electronics Engineers, Except Computer	· · · · · · · · · · · · · · · · · · ·				
17-2072	Environmental Engineers	5,340 300	5,640 390	300 90	5.6 30.0	130 10
17-2061	Health & Safety Engineers, Except Mining Safety	300	390	90	30.0	10
11-2111	Engineers & Inspectors	200	230	30	15.0	0
17-2112	Industrial Engineers	2,180	2,370	190	8.7	70
17-2131	Materials Engineers	570	600	30	5.3	
		J. J	200		3.0	

		Average			0.	Total
SOC	_	Employr		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
17-2141	Mechanical Engineers	2,810	3,070	260	9.3	110
17-2161	Nuclear Engineers	30	30	0	0.0	0
17-2171	Petroleum Engineers	90	90	0	0.0	0
17-2199	Engineers, All Other	1,430	1,530	100	7.0	30
17-3011	Architectural & Civil Drafters	970	1,210	240	24.7	40
17-3012	Electrical & Electronics Drafters	520	510	-10	-1.9	20
17-3013	Mechanical Drafters	1,110	1,160	50	4.5	30
17-3021	Aerospace Engineering & Operations Technicians	860	900	40	4.7	20
17-3022	Civil Engineering Technicians	1,740	1,970	230	13.2	50
17-3023	Electrical & Electronic Engineering Technicians	1,170	1,350	180	15.4	40
17-3024	Electro-Mechanical Technicians	70	100	30	42.9	0
17-3025	Environmental Engineering Technicians	70	100	30	42.9	0
17-3026	Industrial Engineering Technicians	470	510	40	8.5	10
17-3027	Mechanical Engineering Technicians	360	420	60	16.7	10
17-3031	Surveying & Mapping Technicians	560	820	260	46.4	40
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	500	590	90	18.0	10
19-0000	Life, Physical, & Social Science Occupations	9,140	10,360	1,220	13.3	200
19-1010	Agricultural & Food Scientists	280	310	30	10.7	0
19-1021	Biochemists & Biophysicists	120	140	20	16.7	0
19-1022	Microbiologists	110	110	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	70	70	0	0.0	0
19-1031	Conservation Scientists	190	160	-30	-15.8	0
19-1041	Epidemiologists	20	20	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	260	340	80	30.8	10
19-1099	Life Scientists, All Other	220	210	-10	-4.5	0
19-2012	Physicists	30	30	0	0.0	0
19-2021	Atmospheric & Space Scientists	60	50	-10	-16.7	0
19-2031	Chemists	520	600	80	15.4	20
19-2032	Materials Scientists	30	40	10	33.3	0
19-2041	Environmental Scientists & Specialists, Including Health	770	880	110	14.3	10
19-2042	Geoscientists, Except Hydrologists & Geographers	220	260	40	18.2	0
19-2043	Hydrologists	40	40	0	0.0	0
19-2099	Physical Scientists, All Other	170	170	0	0.0	0
19-3011	Economists	20	30	10	50.0	0
19-3021	Market Research Analysts	1,650	1,910	260	15.8	70
19-3022	Survey Researchers	270	320	50	18.5	10
19-3031	Clinical, Counseling, & School Psychologists	1,430	1,680	250	17.5	60
19-3051	Urban & Regional Planners	110	130	20	18.2	0
19-3091	Anthropologists & Archeologists	10	10	0	0.0	0
19-3093	Historians	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	420	410	-10	-2.4	0
19-4011	Agricultural & Food Science Technicians	220	240	20	9.1	0
19-4021	Biological Technicians	200	230	30	15.0	0
19-4031	Chemical Technicians	470	550	80	17.0	10
19-4041	Geological & Petroleum Technicians	100	120	20	20.0	0
19-4051	Nuclear Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	330	430	100	30.3	10
19-4092	Forensic Science Technicians	50 50	430 70	20	40.0	0
19-4092	Forest & Conservation Technicians	210	200	-10	-4.8	0
19-4093	Life, Physical, & Social Science Technicians, All Other	520	580	60	-4.0 11.5	10
13-4099	Lite, i frystoat, a social science rechilicians, All Other	520	500	00	11.5	10

		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	·					
21-0000	Community & Social Services Occupations	24,900	29,390	4,490	18.0	870
21-1011	Substance Abuse & Behavioral Disorder Counselors	400	440	40	10.0	0
21-1012	Educational, Vocational, & School Counselors	2,030	2,310	280	13.8	70
21-1013	Marriage & Family Therapists	420	430	10	2.4	0
21-1014	Mental Health Counselors	570	640	70	12.3	10
21-1015	Rehabilitation Counselors	1,360	1,620	260	19.1	60
21-1021	Child, Family, & School Social Workers	1,940	2,300	360	18.6	70
21-1022	Medical & Public Health Social Workers	1,120	1,400	280	25.0	40
21-1023	Mental Health & Substance Abuse Social Workers	1,480	1,720	240	16.2	50
21-1091	Health Educators	220	260	40	18.2	0
21-1092	Probation Officers & Correctional Treatment Specialists	850	920	70	8.2	20
21-1093	Social & Human Service Assistants	4,950	6,290	1,340	27.1	240
21-2011	Clergy	6,160	6,900	740	12.0	200
21-2021	Directors, Religious Activities & Education	1,440	1,740	300	20.8	30
21-9099	Counselors, Social, & Religious Workers, All Other	1,960	2,420	460	23.5	80
23-0000	Legal Occupations	8,080	9,370	1,290	16.0	180
23-1011	Lawyers	3,690	4,430	740	20.1	100
23-1021	Administrative Law Judges, Adjudicators, & Hearing					
	Officers	70	80	10	14.3	0
23-1022	Arbitrators, Mediators, & Conciliators	40	40	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	400	410	10	2.5	0
23-2011	Paralegals & Legal Assistants	1,560	2,120	560	35.9	60
23-2091	Court Reporters	240	270	30	12.5	0
23-2092	Law Clerks	220	240	20	9.1	0
23-2093 23-9099	Title Examiners, Abstractors, & Searchers	530 1,330	530	0	0.0	0 20
23-9099	Legal & Related Workers, All Other	1,330	1,250	-80	-6.0	
25-0000	Education, Training, & Library Occupations	81,880	101,350	19,470	23.8	3,530
25-1011	Business Teachers, Postsecondary	740	990	250	33.8	40
25-1021	Computer Science Teachers, Postsecondary	440	610	170	38.6	20
25-1022	Mathematical Science Teachers, Postsecondary	540	700	160	29.6	20
25-1031	Architecture Teachers, Postsecondary	130	180	50	38.5	10
25-1032	Engineering Teachers, Postsecondary	480	620	140	29.2	20
25-1041	Agricultural Sciences Teachers, Postsecondary	330	420	90	27.3	10
25-1042	Biological Science Teachers, Postsecondary Atmospheric, Earth, Marine, & Space Sciences Teachers,	510	670	160	31.4	20
25-1051	Postsecondary	50	80	30	60.0	0
25-1052	Chemistry Teachers, Postsecondary	180	250	70	38.9	10
25-1053	Environmental Science Teachers, Postsecondary	10	20	10	100.0	0
25-1054	Physics Teachers, Postsecondary	120	160	40	33.3	o O
25-1061	Anthropology & Archeology Teachers, Postsecondary	20	30	10	50.0	0
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	30	60	30	100.0	0
25-1063	Economics Teachers, Postsecondary	180	250	70	38.9	10
25-1064	Geography Teachers, Postsecondary	50	70	20	40.0	0
25-1065	Political Science Teachers, Postsecondary	130	170	40	30.8	0
25-1066	Psychology Teachers, Postsecondary	330	450	120	36.4	10
25-1067	Sociology Teachers, Postsecondar	170	230	60	35.3	10
25-1071	Health Specialties Teachers, Postsecondary	470	640	170	36.2	20
25-1072	Nursing Instructors & Teachers, Postsecondary	260	350	90	34.6	10
25-1081	Education Teachers, Postsecondary	500	660	160	32.0	30
25-1082	Library Science Teachers, Postsecondary	80	100	20	25.0	0

	•	Average A	Annual			Total
SOC	_	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-1111	Criminal Justice & Law Enforcement Teachers,					
	Postsecondary	100	120	20	20.0	0
25-1112	Law Teachers, Postsecondary	60	110	50	83.3	10
25-1113	Social Work Teachers, Postsecondary	150	180	30	20.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	900	1,220	320	35.6	40
25-1122	Communications Teachers, Postsecondary	280	380	100	35.7	10
25-1123	English Language & Literature Teachers, Postsecondary	630	830	200	31.7	20
25-1124	Foreign Language & Literature Teachers, Postsecondary	380	510	130	34.2	10
25-1125	History Teachers, Postsecondary	260	350	90	34.6	10
25-1126	Philosophy & Religion Teachers, Postsecondary	160	220	60	37.5	10
25-1191	Graduate Teaching Assistants	220	290	70	31.8	10
25-1192	Home Economics Teachers, Postsecondary	110	120	10	9.1	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	210	260	50	23.8	10
25-1194	Vocational Education Teachers, Postsecondary	750	980	230	30.7	30
25-1199	Postsecondary Teachers, All Other	1,400	1,800	400	28.6	70
25-2011	Preschool Teachers, Except Special Education	2,050	2,500	450	22.0	80
25-2012	Kindergarten Teachers, Except Special Education	1,770	2,290	520	29.4	70
25-2021	Elementary School Teachers, Except Special Education	18,840	22,280	3,440	18.3	750
25-2022	Middle School Teachers, Except Special & Vocational			4 000	40.0	
	Education	8,820	9,880	1,060	12.0	310
25-2023	Vocational Education Teachers, Middle School	200	220	20	10.0	0
25-2031	Secondary School Teachers, Except Special & Vocational	40.000	400			
	Education	13,000	15,780	2,780	21.4	650
25-2032	Vocational Education Teachers, Secondary School	1,940	2,180	240	12.4	70
25-2041	Special Education Teachers, Preschool, Kindergarten, &	0.000	0.540	000	00.5	400
0= 0040	Elementary School	2,630	3,510	880	33.5	160
25-2042	Special Education Teachers, Middle School	1,240	1,670	430	34.7	70
25-2043 25-3011	Special Education Teachers, Secondary School Adult Literacy, Remedial Education, & GED Teachers &	1,830	2,440	610	33.3	90
25-3011	Instructors	530	650	120	22.6	10
25-3021	Self-Enrichment Education Teachers	1,270	1,620	350	27.6	50
25-3021	Teachers, Primary, Secondary, & Adult, All Othe	6,560	9,470	2,910	44.4	390
25-3999	Archivists, Curators, & Museum Technicians	270	310	2,910	14.8	
25-4010	Librarians	1,820	1,990	170	9.3	0 50
25-4021	Library Technicians	1,300	1,560	260	20.0	70
25-4031	Audio-Visual Collections Specialists	30	30		0.0	0
25-9011	Farm & Home Management Advisors	250	270	0 20	8.0	0
25-9021	Instructional Coordinators	950 950	1,210	260	27.4	30
25-9031	Teacher Assistants	5,100	6,280	1,180	23.1	230
25-9041	Library, Museum, Training, & Other Education Workers, All	3,100	0,200	1,100	23.1	230
25-9199	Other	120	130	10	8.3	0
	Other	120	130	10	0.5	
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	20,120	23,120	3,000	14.9	580
27-1011	Art Directors	250	260	10	4.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	80	80	0	0.0	0
27-1014	Multi-Media Artists & Animators	320	350	30	9.4	0
27-1021	Commercial & Industrial Designers	300	340	40	13.3	0
27-1022	Fashion Designers	20	50	30	150.0	0
27-1023	Floral Designers	1,450	1,630	180	12.4	40
27-1024	Graphic Designers	1,700	2,050	350	20.6	70
27-1025	Interior Designers	440	540	100	22.7	10

	•	Average	Annual			Total
200		Employ	ment <sup>1</sup>	Projected	Change	Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·					
27-1026	Merchandise Displayers & Window Trimmers	540 30	650	110	20.4	10
27-1027	Set & Exhibit Designers Art & Design Workers, All Other	600	20 650	-10 50	-33.3 8.3	0 10
27-1099 27-2011	Actors	100	110	10	10.0	
27-2011	Producers & Directors	360	380	20	5.6	0 0
27-2012	Athletes & Sports Competitors	40	70	30	75.0	0
27-2021	Coaches & Scouts	2,610	3,180	570	21.8	90
27-2022	Umpires, Referees, & Other Sports Officials	340	390	50	14.7	10
27-2023	Dancers	80	80	0	0.0	0
27-2032	Choreographers	370	430	60	16.2	40
27-2041	Music Directors & Composers	540	580	40	7.4	0
27-2042	Musicians & Singers	1,360	1,620	260	19.1	60
27-2099	Entertainers & Performers, Sports & Related Workers, All	.,000	1,020	200	1011	
	Other	30	30	0	0.0	0
27-3010	Announcers	840	760	-80	-9.5	30
27-3020	News Analysts, Reporters & Correspondents	820	900	80	9.8	30
27-3031	Public Relations Specialists	1,930	2,480	550	28.5	90
27-3041	Editors	1,180	1,320	140	11.9	30
27-3042	Technical Writers	470	540	70	14.9	30
27-3043	Writers & Authors	950	1,010	60	6.3	20
27-3091	Interpreters & Translators	230	290	60	26.1	10
27-3099	Media & Communication Workers, All Other	350	390	40	11.4	0
27-4011	Audio & Video Equipment Technicians	190	230	40	21.1	0
27-4012	Broadcast Technicians	300	330	30	10.0	0
27-4013	Radio Operators	70	50	-20	-28.6	0
27-4014	Sound Engineering Technicians	40	50	10	25.0	0
27-4021	Photographers	810	880	70	8.6	20
27-4031	Camera Operators, Television, Video, & Motion Picture	140	140	0	0.0	0
27-4032	Film & Video Editors	90	90	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	150	170	20	13.3	0
29-0000	Healthcare Practitioners & Technical Occupations	74,520	91,010	16,490	22.1	2,800
29-1011	Chiropractors	620	660	40	6.5	0
29-1020	Dentists	1,240	1,240	0	0.0	20
29-1031	Dietitians & Nutritionists	470	540	70	14.9	10
29-1041	Optometrists	340	350	10	2.9	0
29-1051	Pharmacists	2,040	2,730	690	33.8	100
29-1061	Anesthesiologists	820	890	70	8.5	10
29-1062	Family & General Practitioners	2,040	2,190	150	7.4	50
29-1063	Internists, General	730	780	50	6.8	10
29-1064	Obstetricians & Gynecologists	470	490	20	4.3	0
29-1065	Pediatricians, General	620	680	60	9.7	10
29-1066	Psychiatrists	810	860	50	6.2	10
29-1067	Surgeons	1,700	1,810	110	6.5	30
29-1069	Physicians & Surgeons, All Other	810	880	70	8.6	10
29-1071	Physician Assistants	550	760	210	38.2	20
29-1081	Podiatrists	90	90	0	0.0	0
29-1111	Registered Nurses	27,560	35,060	7,500	27.2	1,320
29-1121	Audiologists	30	40	10	33.3	0
29-1122	Occupational Therapists	930	1,190	260	28.0	30
29-1123	Physical Therapists	1,230	1,560	330	26.8	30
29-1124	Radiation Therapists	110	130	20	18.2	0

	·	Average . Employi		Projected	Chango	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	·	270	270			
29-1125 29-1126	Recreational Therapists Respiratory Therapists	1,470	1,980	0 510	0.0 34.7	0 80
29-1120	Speech-Language Pathologists	1,470	1,420	290	25.7	60
29-1127	Veterinarians	1,130	1,420	80	7.4	40
29-1131	Health Diagnosing & Treating Practitioners, All Other	600	730	130	21.7	20
29-2011	Medical & Clinical Laboratory Technologists	1,950	2,360	410	21.7	80
29-2011	Medical & Clinical Laboratory Technicians	1,770	2,090	320	18.1	70
29-2012	Dental Hygienists	1,770	2,010	500	33.1	50
29-2021	Cardiovascular Technologists & Technicians	560	760	200	35.7	20
29-2032	Diagnostic Medical Sonographers	440	540	100	22.7	10
29-2033	Nuclear Medicine Technologists	150	170	20	13.3	0
29-2034	Radiologic Technologists & Technicians	1,730	2,100	370	21.4	70
29-2041	Emergency Medical Technicians & Paramedics	2,620	3,060	440	16.8	70
29-2051	Dietetic Technicians	290	350	60	20.7	10
29-2052	Pharmacy Technicians	1,860	2,400	540	29.0	80
29-2053	Psychiatric Technicians	320	340	20	6.3	0
29-2054	Respiratory Therapy Technicians	260	360	100	38.5	10
29-2055	Surgical Technologists	730	960	230	31.5	20
29-2056	Veterinary Technologists & Technicians	480	670	190	39.6	20
29-2061	Licensed Practical & Licensed Vocational Nurses	7,350	8,360	1,010	13.7	260
29-2071	Medical Records & Health Information Technicians	2,190	3,120	930	42.5	120
29-2081	Opticians, Dispensing	890	910	20	2.2	10
29-2091	Orthotists & Prosthetists	20	20	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technician	440	500	60	13.6	10
29-9091	Athletic Trainers	260	280	20	7.7	0
29-9199	Health Professionals & Technicians, All Other	940	1,160	220	23.4	10
31-0000	Healthcare Support Occupations	39,730	49,910	10,180	25.6	1,570
31-1011	Home Health Aides	4,100	5,120	1,020	24.9	150
31-1012	Nursing Aides, Orderlies, & Attendants	22,190	27,410	5,220	23.5	820
31-1013	Psychiatric Aides	1,680	2,010	330	19.6	40
31-2011	Occupational Therapist Assistants	190	240	50	26.3	10
31-2012	Occupational Therapist Aides	30	30	0	0.0	0
31-2021	Physical Therapist Assistants	840	1,150	310	36.9	30
31-2022	Physical Therapist Aides	400	530	130	32.5	10
31-9011	Massage Therapists	310	360	50	16.1	10
31-9091	Dental Assistants	2,900	3,860	960	33.1	190
31-9092	Medical Assistants	2,780	4,050	1,270	45.7	180
31-9093	Medical Equipment Preparers	530	660	130	24.5	10
31-9094	Medical Transcriptionists	1,090	1,260	170	15.6	40
31-9095	Pharmacy Aides	490	560	70	14.3	10
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	1,050	1,320	270	25.7	40
31-9099	Healthcare Support Workers, All Other	1,150	1,350	200	17.4	40
33-0000	Protective Service Occupations	24,920	28,690	3,770	15.1	1,070
33-1011	First-Line Supervisors/Managers of Correctional Officers	270	290	20	7.4	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	1,400	1,570	170	12.1	70
33-1021	First-Line Supervisors/Managers of Fire Fighting &					
	Prevention Workers	630	730	100	15.9	40
33-1099	First-Line Supervisors/Managers, Protective Service					
	Workers, All Other	370	450	80	21.6	10
33-2011	Fire Fighters	2,700	3,110	410	15.2	130
33-2021	Fire Inspectors & Investigators	80	80	0	0.0	0

	·	Average		<b>5</b>		Total
SOC	-	Employ		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
33-3011	Bailiffs	50	70	20	40.0	0
33-3012	Correctional Officers & Jailers	4,550	4,890	340	7.5	140
33-3021	Detectives & Criminal Investigators	640	690	50	7.8	20
33-3041	Parking Enforcement Workers	30	30	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	5,620	6,370	750	13.3	230
33-3052	Transit & Railroad Police	20	20	0	0.0	0
33-9011	Animal Control Workers	210	230	20	9.5	0
33-9021	Private Detectives & Investigators	230	280	50	21.7	10
33-9031	Gaming Surveillance Officers & Gaming Investigators	40	70	30	75.0	0
33-9032	Security Guards	5,870	7,230	1,360	23.2	270
33-9091	Crossing Guards	470	570	100	21.3	10
33-9099	Protective Service Workers, All Other	1,740	2,010	270	15.5	150
35-0000	Food Preparation & Serving Related Occupations	105,710	123,570	17,860	16.9	5,970
35-1011	Chefs & Head Cooks	1,010	1,190	180	17.8	50
35-1012	First-Line Supervisors/Managers of Food Preparation &					
	Serving Workers	8,970	10,610	1,640	18.3	370
35-2011	Cooks, Fast Food	8,010	8,770	760	9.5	320
35-2012	Cooks, Institution & Cafeteria	8,170	8,240	70	0.9	270
35-2013	Cooks, Private Household	20	30	10	50.0	0
35-2014	Cooks, Restaurant	6,350	7,500 3,230	1,150 330	18.1 11.4	320 130
35-2015 35-2021	Cooks, Short Order	2,900 9,420	3,230 11,360	1,940	20.6	530
35-2021	Food Preparation Workers Bartenders	9,420 4,130	4,590	460	11.1	220
35-3011	Combined Food Preparation & Serving Workers, Including	4,130	4,590	400	11.1	220
33-3021	Fast Food	20,700	26,170	5,470	26.4	1,450
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee	20,700	20,170	0, 17 0	20.1	1,100
00 0022	Shop	3,940	4,550	610	15.5	310
35-3031	Waiters & Waitresses	20,490	24,240	3,750	18.3	1,450
35-3041	Food Servers, Nonrestaurant	2,050	2,240	190	9.3	100
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	2,320	2,650	330	14.2	120
35-9021	Dishwashers	3,870	4,250	380	9.8	180
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	2,750	3,300	550	20.0	150
35-9099	Food Preparation & Serving Related Workers, All Other	610	650	40	6.6	10
37-0000	Building & Grounds Cleaning & Maintenance					
37-0000	Occupations	48,490	59,110	10,620	21.9	1,980
37-1011	First-Line Supervisors/Managers of Housekeeping &	10, 100	00,110	.0,020		1,555
0	Janitorial Workers	2,150	2,530	380	17.7	80
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	,	,			
	Service, & Groundskeeping Workers	1,200	1,450	250	20.8	30
37-2011	Janitors & Cleaners, Except Maids & Housekeeping					
	Cleaners	23,390	28,460	5,070	21.7	960
37-2012	Maids & Housekeeping Cleaners	9,730	11,720	1,990	20.5	400
37-2021	Pest Control Workers	620	750	130	21.0	10
37-3011	Landscaping & Groundskeeping Workers	10,520	13,190	2,670	25.4	500
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	570	650	80	14.0	10
37-3013	Tree Trimmers & Pruners	90	110	20	22.2	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All					
	Other	220	250	30	13.6	0
39-0000	Personal Care & Service Occupations	42,470	49,840	7,370	17.4	1,620
39-1011	Gaming Supervisors	60	70	10	16.7	0
						. 11

		Average	Annual			
200		Employ		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
39-1012	Slot Key Persons	110	120	10	9.1	0
39-1021	First-Line Supervisors/Managers of Personal Service					
	Workers	1,860	2,110	250	13.4	70
39-2011	Animal Trainers	90	100	10	11.1	0
39-2021	Nonfarm Animal Caretakers	1,060	1,280	220	20.8	50
39-3011	Gaming Dealers	240	300	60	25.0	20
39-3012	Gaming & Sports Book Writers & Runners	170	210	40	23.5	0
39-3021	Motion Picture Projectionists	100	80	-20	-20.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers Amusement & Recreation Attendants	1,250	1,320	70	5.6	80
39-3091 39-3092	Costume Attendants	1,830 10	2,180 20	350 10	19.1 100.0	90 0
39-3092	Locker Room, Coatroom, & Dressing Room Attendants	290	380	90	31.0	10
39-3093	Gaming Workers, All Other	420	500	80	19.0	10
39-4011	Embalmers	680	710	30	4.4	0
39-4021	Funeral Attendants	180	240	60	33.3	10
39-5011	Barbers	1,000	1,020	20	2.0	30
39-5012	Hairdressers, Hairstylists, & Cosmetologists	7,590	8,160	570	7.5	220
39-5092	Manicurists & Pedicurists	440	510	70	15.9	10
39-5093	Shampooers	230	240	10	4.3	0
39-5094	Skin Care Specialists	430	450	20	4.7	0
39-6011	Baggage Porters & Bellhops	130	150	20	15.4	0
39-6012	Concierges	30	30	0	0.0	0
39-6021	Tour Guides & Escorts	140	190	50	35.7	10
39-6031	Flight Attendants	40	50	10	25.0	0
39-6032	Transportation Attendants, Except Flight Attendants &					
	Baggage Porters	310	370	60	19.4	10
39-9011	Child Care Workers	9,610	11,270	1,660	17.3	430
39-9021	Personal & Home Care Aides	9,670	12,110	2,440	25.2	400
39-9031	Fitness Trainers & Aerobics Instructors	1,780	2,390	610	34.3	90
39-9032	Recreation Workers	1,990	2,380	390	19.6	80
39-9041	Residential Advisors	400	500	100	25.0	10
39-9099	Personal Care & Service Workers, All Other	330	400	70	21.2	10
41-0000	Sales & Related Occupations	154,410	174,450	20,040	13.0	6,950
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	14,360	16,420	2,060	14.3	460
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	4,270	4,950	680	15.9	150
41-2011	Cashiers	35,870	41,410	5,540	15.4	2,310
41-2012	Gaming Change Persons & Booth Cashiers	160	190	30	18.8	0
41-2021	Counter & Rental Clerks	4,460	5,550	1,090	24.4	290
41-2022	Parts Salespersons	2,650	2,580	-70	-2.6	90
41-2031	Retail Salespersons	39,020	44,320	5,300	13.6	1,960
41-3011	Advertising Sales Agents	1,740	2,020	280	16.1	60
41-3021	Insurance Sales Agents	12,570	12,840	270	2.1	330
41-3031	Securities, Commodities, & Financial Services Sales	1 720	1 700	60	2.5	20
41-3041	Agents Travel Agents	1,720 440	1,780 530	60 90	3.5 20.5	30 10
41-3041	Sales Representatives, Wholesale & Manufacturing,	440	550	90	20.0	10
71 <sup>-4</sup> 011	Technical & Scientific Products	3,450	3,920	470	13.6	130
41-4012	Sales Representatives, Wholesale & Manufacturing,	5,450	5,520	410	10.0	130
71 701Z	Except Technical & Scientific Products	14,150	16,420	2,270	16.0	600
41-9011	Demonstrators & Product Promoters	780	970	190	24.4	
5511			5.5			ı "

		Average	Annual			Total
SOC	<u>-</u>	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
41-9021	Real Estate Brokers	1,910	2,000	90	4.7	40
41-9022	Real Estate Sales Agents	5,190	5,320	130	2.5	120
41-9031	Sales Engineers	900	1,010	110	12.2	40
41-9041	Telemarketers	4,630	4,890	260	5.6	100
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &					
	Related Workers	420	460	40	9.5	0
41-9099	Sales & Related Workers, All Other	5,720	6,870	1,150	20.1	230
43-0000	Office & Administrative Support Occupations	225,320	240,650	15,330	6.8	6,650
43-1011	First-Line Supervisors/Managers of Office & Administrative					
	Support Workers	14,840	15,650	810	5.5	400
43-2011	Switchboard Operators, Including Answering Service	2,060	2,080	20	1.0	40
43-2021	Telephone Operators	90	50	-40	-44.4	0
43-2099	Communications Equipment Operators, All Other	50	30	-20	-40.0	0
43-3011	Bill & Account Collectors	3,690	4,840	1,150	31.2	200
43-3021	Billing & Posting Clerks & Machine Operators	5,420	5,670	250	4.6	140
43-3031	Bookkeeping, Accounting, & Auditing Clerks	21,190	22,240	1,050	5.0	500
43-3041	Gaming Cage Workers	90	100	10	11.1	0
43-3051	Payroll & Timekeeping Clerks	2,040	2,180	140	6.9	70
43-3061	Procurement Clerks	930	850	-80	-8.6	20
43-3071	Tellers	7,180	7,770	590	8.2	420
43-4011	Brokerage Clerks	180	140	-40	-22.2	0
43-4021	Correspondence Clerks	290	260	-30	-10.3	0
43-4031	Court, Municipal, & License Clerks	1,360	1,410	50	3.7	30
43-4041	Credit Authorizers, Checkers, & Clerks	540	460	-80	-14.8	0
43-4051	Customer Service Representatives	18,340	22,110	3,770	20.6	660
43-4061	Eligibility Interviewers, Government Programs	580	600	20	3.4	10
43-4071	File Clerks	2,390	2,310	-80	-3.3	70
43-4081	Hotel, Motel, & Resort Desk Clerks	1,630	2,040	410	25.2	140
43-4111	Interviewers, Except Eligibility & Loan	1,890	2,440	550	29.1	100
43-4121	Library Assistants, Clerical	1,440	1,650	210	14.6	80
43-4131	Loan Interviewers & Clerks	1,770	1,440	-330	-18.6	20
43-4141	New Accounts Clerks	1,150	1,250	100	8.7	40
43-4151	Order Clerks	3,410	3,040	-370	-10.9	80
43-4161	Human Resources Assistants, Except Payroll &	4 000	4 570	0.10	45.4	50
10 1171	Timekeeping	1,360	1,570	210	15.4	50
43-4171	Receptionists & Information Clerks	9,310	11,500	2,190	23.5	450
43-4181	Reservation & Transportation Ticket Agents & Travel	4.400	4 040	400	44.4	70
40, 4000	Clerks	1,160	1,640	480	41.4	70
43-4999	Financial, Information, & Record Clerks, All Other	2,640	2,620	-20	-0.8	40
43-5011	Cargo & Freight Agents	1,140	1,250	110	9.6	30
43-5021	Couriers & Messengers	1,120	1,120	0	0.0	20
43-5031	Police, Fire, & Ambulance Dispatchers	1,200	1,370	170	14.2	50 50
43-5032	Dispatchers, Except Police, Fire, & Ambulance	1,340	1,510	170	12.7	50
43-5041	Meter Readers, Utilities	670	680	10	1.5	10
43-5051	Postal Service Meil Corriers	850	1,050	200	23.5	40
43-5052	Postal Service Mail Carriers	4,030	5,050	1,020	25.3	230
43-5053	Postal Service Mail Sorters, Processors, & Processing	1.070	2 220	250	40.7	<sub>70</sub>
10 E004	Machine Operators  Production Planning & Expediting Clarks	1,970	2,220	250 460	12.7	70 120
43-5061	Production, Planning, & Expediting Clerks	3,190	3,650	460	14.4	130 160
43-5071	Shipping, Receiving, & Traffic Clerks	7,290	7,420	130	1.8	160 610
43-5081	Stock Clerks & Order Fillers	16,310	15,670	-640	-3.9	610

	·	Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-5111	Weighers, Measurers, Checkers, & Samplers,					
	Recordkeeping	670	810	140	20.9	20
43-5199	Material Recording, Scheduling, Dispatching, & Distributing					
40.0044	Workers, All Other Executive Secretaries & Administrative Assistants	100	90	-10	-10.0	0
43-6011 43-6012	Legal Secretaries	15,670 1,570	16,460 2,030	790 460	5.0 29.3	370 80
43-6012	Medical Secretaries	2,380	2,600	220	9.2	50 50
43-6014	Secretaries, Except Legal, Medical, & Executive	18,560	18,190	-370	-2.0	360
43-9011	Computer Operators	1,470	1,180	-290	-19.7	30
43-9021	Data Entry Keyers	3,580	3,300	-280	-7.8	80
43-9022	Word Processors & Typists	860	610	-250	-29.1	10
43-9031	Desktop Publishers	410	530	120	29.3	10
43-9041	Insurance Claims & Policy Processing Clerks	1,890	1,900	10	0.5	30
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
	Service	1,380	1,360	-20	-1.4	40
43-9061	Office Clerks, General	27,790	29,890	2,100	7.6	820
43-9071	Office Machine Operators, Except Computer	770	760	-10	-1.3	10
43-9081	Proofreaders & Copy Markers	180	170	-10	-5.6	0
43-9111	Statistical Assistants	60	60	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	1,850	1,780	-70	-3.8	40
45-0000	Farming, Fishing, & Forestry Occupations	8,300	9,560	1,260	15.2	300
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &	ŕ	•	,		
	Forestry Workers	330	370	40	12.1	0
45-2011	Agricultural Inspectors	210	200	-10	-4.8	0
45-2021	Animal Breeders	30	30	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	540	620	80	14.8	10
45-2091	Agricultural Equipment Operators	1,330	1,600	270	20.3	70
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	4,240	4,870	630	14.9	170
45-2093	Farmworkers, Farm & Ranch Animals	930	1,110	180	19.4	30
45-3011	Fishers & Related Fishing Workers	90	90	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	600	670	70	11.7	20
<b>47-0000</b> 47-1011	Construction & Extraction Occupations First-Line Supervisors/Managers of Construction Trades &	67,860	81,170	13,310	19.6	2,500
47-1011	Extraction Workers	7,600	8,990	1,390	18.3	280
47-2011	Boilermakers	100	110	10	10.0	0
47-2021	Brickmasons & Blockmasons	620	740	120	19.4	10
47-2022	Stonemasons	230	260	30	13.0	0
47-2031	Carpenters	9,300	11,070	1,770	19.0	340
47-2041	Carpet Installers	790	890	100	12.7	20
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	200	220	20	10.0	0
47-2043	Floor Sanders & Finishers	20	20	0	0.0	0
47-2044	Tile & Marble Setters	520	680	160	30.8	20
47-2051	Cement Masons & Concrete Finishers	2,010	2,620	610	30.3	90
47-2061	Construction Laborers	9,140	11,150	2,010	22.0	330
47-2071	Paving, Surfacing, & Tamping Equipment Operators	930	1,090	160	17.2	20
47-2073	Operating Engineers & Other Construction Equipment					
	Operators	6,450	7,340	890	13.8	260
47-2081	Drywall & Ceiling Tile Installers	540	700	160	29.6	30
47-2082	Tapers	210	250	40	19.0	0
47-2111	Electricians	4,640	5,770	1,130	24.4	200

	2012 Occupational	Outlook				
		Average	Annual			Total
202		Employ	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
47-2121	Glaziers	410	470	60	14.6	10
47-2121	Insulation Workers	610	740	130	21.3	30
47-2130	Painters, Construction & Maintenance	3,060	3,540	480	15.7	90
47-2142	Paperhangers	80	100	20	25.0	0
47-2151	Pipelayers	490	590	100	20.4	10
47-2152	Plumbers, Pipefitters, & Steamfitters	4,490	5,300	810	18.0	190
47-2161	Plasterers & Stucco Masons	370	430	60	16.2	10
47-2171	Reinforcing Iron & Rebar Workers	210	240	30	14.3	0
47-2181	Roofers	1,430	1,720	290	20.3	60
47-2211	Sheet Metal Workers	2,900	3,290	390	13.4	100
47-2221	Structural Iron & Steel Workers	330	420	90	27.3	10
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &		-			
	Tile & Marble Setters	700	760	60	8.6	40
47-3012	HelpersCarpenters	1,230	1,480	250	20.3	70
47-3013	HelpersElectricians	680	790	110	16.2	40
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco					
	Masons	260	320	60	23.1	10
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	790	860	70	8.9	40
47-3016	HelpersRoofers	250	310	60	24.0	10
47-3019	Helpers, Construction Trades, All Other	300	390	90	30.0	20
47-4011	Construction & Building Inspectors	490	610	120	24.5	10
47-4021	Elevator Installers & Repairers	110	120	10	9.1	0
47-4031	Fence Erectors	120	140	20	16.7	0
47-4041	Hazardous Materials Removal Workers	350	520	170	48.6	20
47-4051	Highway Maintenance Workers	1,390	1,610	220	15.8	20
47-4061	Rail-Track Laying & Maintenance Equipment Operators	310	360	50	16.1	10
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	170	200	30	17.6	0
47-4999	Construction Trades & Related Workers, All Other	270	310	40	14.8	0
47-5011	Derrick Operators, Oil & Gas	290	380	90	31.0	10
47-5012	Rotary Drill Operators, Oil & Gas	530	710	180	34.0	30
47-5013	Service Unit Operators, Oil, Gas, & Mining	450	620	170	37.8	20
47-5021	Earth Drillers, Except Oil & Gas	90	100	10	11.1	0
47-5041	Continuous Mining Machine Operators	50	50	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	40	50	10	25.0	0
47-5051	Rock Splitters, Quarry	50	60	10	20.0	0
47-5071	Roustabouts, Oil & Gas	620	810	190	30.6	40
47-5081	HelpersExtraction Workers	570	750	180	31.6	20
47-5099	Extraction Workers, All Other	70	100	30	42.9	0
<b>49-0000</b> 49-1011	Installation, Maintenance, & Repair Occupations First-Line Supervisors/Managers of Mechanics, Installers,	59,780	68,980	9,200	15.4	2,100
49-1011	& Repairers	5,360	6,270	910	17.0	230
49-2011	Computer, Automated Teller, & Office Machine Repairers	1,730	1,870	140	8.1	230
49-2011	Radio Mechanics	1,730 50	40	-10	-20.0	0
49-2021	Telecommunications Equipment Installers & Repairers,	50	40	-10	-20.0	
70-2022	Except Line Installers	2,140	2,050	-90	-4.2	40
49-2091	Avionics Technicians	1,130	1,310	180	-4.2 15.9	40
49-2091	Electric Motor, Power Tool, & Related Repairers	360	380	20	5.6	0
49-2092	Electrical & Electronics Installers & Repairers,	300	300	20	5.0	
<del>-</del> 70-2030	Transportation Equipment	260	290	30	11.5	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial	200	250	30	11.5	
-0 200 <del>1</del>	Equipment	570	630	60	10.5	20
	-4-6-11011	0,0	300	00	. 5.5	ı 20 l

	·	Average	Annual			Total
SOC	<u>-</u>	Employı	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-2095	Electrical & Electronics Repairers, Powerhouse,					
	Substation, & Relay	280	300	20	7.1	0
49-2096	Electronic Equipment Installers & Repairers, Motor					
	Vehicles	70	90	20	28.6	0
49-2097	Electronic Home Entertainment Equipment Installers &	000	000	20	<b>5</b> 0	0
49-2098	Repairers Security & Fire Alarm Systems Installers	600 270	630 330	30 60	5.0 22.2	0 10
49-2096	Electrical & Electronic Equipment Mechanics, Installers, &	210	330	00	22.2	10
43 Z033	Repairers, All Other	10	20	10	100.0	0
49-3011	Aircraft Mechanics & Service Technicians	2,510	3,030	520	20.7	100
49-3021	Automotive Body & Related Repairers	2,140	2,480	340	15.9	60
49-3022	Automotive Glass Installers & Repairers	150	160	10	6.7	0
49-3023	Automotive Service Technicians & Mechanics	7,350	8,350	1,000	13.6	290
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	3,670	4,270	600	16.3	170
49-3041	Farm Equipment Mechanics	600	670	70	11.7	10
49-3042	Mobile Heavy Equipment Mechanics, Except Engine	1,500	1,670	170	11.3	50
49-3043	Rail Car Repairers	460	540	80	17.4	10
49-3051	Motorboat Mechanics	50	60	10	20.0	0
49-3052	Motorcycle Mechanics	190	210	20	10.5	0
49-3053	Outdoor Power Equipment & Other Small Engine	050	070	00	0.0	
40 2004	Mechanics	250	270	20	8.0	0
49-3091 49-3092	Bicycle Repairers Recreational Vehicle Service Technicians	130 80	170 100	40 20	30.8 25.0	0
49-3092	Tire Repairers & Changers	1,970	2,160	190	9.6	0 120
49-3093	Vehicle & Mobile Equipment Mechanics, Installers, &	1,370	2,100	190	9.0	120
40 0000	Repairers, All Other	30	30	0	0.0	0
49-9011	Mechanical Door Repairers	160	190	30	18.8	o o
49-9012	Control & Valve Installers & Repairers, Except Mechanical					
	Door	320	400	80	25.0	10
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &					
	Installers	2,290	2,980	690	30.1	100
49-9031	Home Appliance Repairers	510	510	0	0.0	0
49-9041	Industrial Machinery Mechanics	2,290	2,660	370	16.2	100
49-9042	Maintenance & Repair Workers, General	12,210	14,430	2,220	18.2	450
49-9043	Maintenance Workers, Machinery	820	940	120	14.6	10
49-9044	Millwrights	450	540	90	20.0	10
49-9051	Electrical Power-Line Installers & Repairers	1,860	2,160	300	16.1	80
49-9052	Telecommunications Line Installers & Repairers	1,380	1,480	100	7.2	40
49-9061	Camera & Photographic Equipment Repairers	20	20	0	0.0	0
49-9062 49-9063	Medical Equipment Repairers  Musical Instrument Repairers & Tuners	110 70	140 80	30 10	27.3 14.3	0
49-9063	Watch Repairers	10	20	10	100.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	180	190	10	5.6	0
49-9091	Coin, Vending, & Amusement Machine Servicers &	100	100	10	0.0	
10 0001	Repairers	460	560	100	21.7	10
49-9094	Locksmiths & Safe Repairers	150	200	50	33.3	10
49-9095	Manufactured Building & Mobile Home Installers	210	250	40	19.0	0
49-9096	Riggers	110	140	30	27.3	0
49-9097	Signal & Track Switch Repairers	150	200	50	33.3	10
49-9098	HelpersInstallation, Maintenance, & Repair Workers	1,060	1,280	220	20.8	50
49-9099	Installation, Maintenance, & Repair Workers, All Other	1,050	1,230	180	17.1	40

200		Average Employ		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-0000	Production Occupations	121,270	128,450	7,180	5.9	3,260
51-1011	First-Line Supervisors/Managers of Production &	, -	,	,		, , , ,
	Operating Workers	8,750	9,800	1,050	12.0	300
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems					
	Assemblers	3,500	3,690	190	5.4	110
51-2021	Coil Winders, Tapers, & Finishers	150	130	-20	-13.3	0
51-2022	Electrical & Electronic Equipment Assemblers	2,660	2,370	-290	-10.9	70
51-2023	Electromechanical Equipment Assemblers	640	610	-30	-4.7	10
51-2031	Engine & Other Machine Assemblers	2,750	2,770	20	0.7	70
51-2041	Structural Metal Fabricators & Fitters	1,170	1,180	10	0.9	20
51-2091	Fiberglass Laminators & Fabricators	530	520	-10	-1.9	10
51-2092	Team Assemblers	13,980	13,820	-160	-1.1	370
51-2093	Timing Device Assemblers, Adjusters, & Calibrators Assemblers & Fabricators, All Other	20	20	0	0.0	0
51-2099 51-3011	Bakers	1,310 1,150	1,260 1,340	-50 190	-3.8 16.5	30 40
51-3011	Butchers & Meat Cutters	1,130	1,340	0	0.0	40
51-3021	Meat, Poultry, & Fish Cutters & Trimmers	4,240	4,530	290	6.8	120
51-3022	Slaughterers & Meat Packers	4,480	4,760	280	6.3	120
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine	4,400	4,700	200	0.0	120
01 0001	Operators & Tenders	230	260	30	13.0	О
51-3092	Food Batchmakers	1,290	1,430	140	10.9	60
51-3093	Food Cooking Machine Operators & Tenders	680	760	80	11.8	20
51-3099	Food Processing Workers, All Other	490	530	40	8.2	10
51-4011	Computer-Controlled Machine Tool Operators, Metal &					
	Plastic	2,550	2,760	210	8.2	60
51-4012	Numerical Tool & Process Control Programmers	200	230	30	15.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &					
	Tenders, Metal & Plastic	760	750	-10	-1.3	30
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &					
	Plastic	430	440	10	2.3	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &					
	Plastic	300	300	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &	0.000	0.400	00		70
<b>54</b> 4000	Tenders, Metal & Plastic	2,030	2,120	90	4.4	70
51-4032	Drilling & Boring Machine Tool Setters, Operators, &	270	270	0	0.0	
E4 4022	Tenders, Metal & Plastic	370	370	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	820	830	10	1.2	10
51-4034	Lathe & Turning Machine Tool Setters, Operators, &	020	030	10	1.2	10
31-4034	Tenders, Metal & Plastic	620	640	20	3.2	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,	020	040	20	5.2	
31 4000	Metal & Plastic	380	370	-10	-2.6	0
51-4041	Machinists	4,220	4,520	300	7.1	120
51-4051	Metal-Refining Furnace Operators & Tenders	70	100	30	42.9	0
51-4052	Pourers & Casters, Metal	110	120	10	9.1	ő
51-4061	Model Makers, Metal & Plastic	100	100	0	0.0	o o
51-4062	Patternmakers, Metal & Plastic	150	150	0	0.0	0
51-4071	Foundry Mold & Coremakers	270	260	-10	-3.7	0
51-4072	Molding, Coremaking, & Casting Machine Setters,					
	Operators, & Tenders, Metal & Plastic	1,210	1,220	10	0.8	30

222		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,					
31-4001	Metal & Plastic	500	550	50	10.0	10
51-4111	Tool & Die Makers	1,020	1,020	0	0.0	10
51-4121	Welders, Cutters, Solderers, & Brazers	4,740	5,450	710	15.0	220
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,	7,7 70	0,400	710	10.0	220
01 4122	& Tenders	250	260	10	4.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,	200	200	10	1.0	
01 1101	Metal & Plastic	250	250	0	0.0	10
51-4192	Lay-Out Workers, Metal & Plastic	70	70	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,	. •	. •	· ·	0.0	
	Metal & Plastic	290	300	10	3.4	0
51-4194	Tool Grinders, Filers, & Sharpeners	170	130	-40	-23.5	0
51-4199	Metal Workers & Plastic Workers, All Other	540	540	0	0.0	10
51-5011	Bindery Workers	1,060	960	-100	-9.4	30
51-5012	Bookbinders	110	110	0	0.0	0
51-5021	Job Printers	710	770	60	8.5	20
51-5022	Prepress Technicians & Workers	1,190	1,080	-110	-9.2	40
51-5023	Printing Machine Operators	2,570	2,780	210	8.2	70
51-5099	Printing Workers, All Other	190	210	20	10.5	0
51-6011	Laundry & Dry-Cleaning Workers	2,380	2,810	430	18.1	100
51-6021	Pressers, Textile, Garment, & Related Materials	500	600	100	20.0	10
51-6031	Sewing Machine Operators	1,710	1,920	210	12.3	40
51-6041	Shoe & Leather Workers & Repairers	30	30	0	0.0	0
51-6051	Sewers, Hand	60	60	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	270	290	20	7.4	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	140	140	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, &					
	Tenders	20	20	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,					
	Operators, & Tenders	130	140	10	7.7	0
51-6091	Extruding & Forming Machine Setters, Operators, &					
	Tenders, Synthetic & Glass Fibers	150	160	10	6.7	0
51-6092	Fabric & Apparel Patternmakers	70	80	10	14.3	0
51-6093	Upholsterers	390	350	-40	-10.3	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	250	320	70	28.0	10
51-7011	Cabinetmakers & Bench Carpenters	1,280	1,370	90	7.0	50
51-7021	Furniture Finishers	300	320	20	6.7	0
51-7031	Model Makers, Wood	10	10	0	0.0	0
51-7032	Patternmakers, Wood	90	90	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	410	380	-30	-7.3	0
51-7042	Woodworking Machine Setters, Operators, & Tenders,					
	Except Sawing	770	740	-30	-3.9	10
51-7099	Woodworkers, All Other	40	40	0	0.0	0
51-8012	Power Distributors & Dispatchers	110	120	10	9.1	0
51-8013	Power Plant Operators	560	640	80	14.3	10
51-8021	Stationary Engineers & Boiler Operators	330	350	20	6.1	0
51-8031	Water & Liquid Waste Treatment Plant & System					
	Operators	1,040	1,200	160	15.4	50
51-8091	Chemical Plant & System Operators	610	660	50	8.2	20
51-8092	Gas Plant Operators	220	300	80	36.4	10
51-8093	Petroleum Pump System Operators, Refinery Operators, &	<u>.</u>		=		_
	Gaugers	640	720	80	12.5	20

	·	Average	Annual			Total
SOC	_	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-8099	Plant & System Operators, All Other	160	180	20	12.5	0
51-9011	Chemical Equipment Operators & Tenders	350	380	30	8.6	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still					
	Machine Setters, Operators, & Tenders	340	410	70	20.6	10
51-9021	Crushing, Grinding, & Polishing Machine Setters,					
	Operators, & Tenders	540	540	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	610	640	30	4.9	10
51-9023 51-9031	Mixing & Blending Machine Setters, Operators, & Tenders Cutters & Trimmers, Hand	1,770 200	1,760 250	-10 50	-0.6 25.0	50 10
51-9031	Cutting & Slicing Machine Setters, Operators, & Tenders	750	880	130	17.3	10
51-9032	Extruding, Forming, Pressing, & Compacting Machine	750	000	130	17.5	10
01 0011	Setters, Operators, & Tenders	760	750	-10	-1.3	10
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	280	280	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	6,090	6,530	440	7.2	190
51-9071	Jewelers & Precious Stone & Metal Workers	180	190	10	5.6	0
51-9081	Dental Laboratory Technicians	690	710	20	2.9	10
51-9082	Medical Appliance Technicians	60	90	30	50.0	0
51-9083	Ophthalmic Laboratory Technicians	290	280	-10	-3.4	0
51-9111	Packaging & Filling Machine Operators & Tenders	4,230	4,980	750	17.7	170
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	1 510	1 650	140	0.2	50
51-9122	Painters, Transportation Equipment	1,510 640	1,650 710	140 70	9.3 10.9	50 20
51-9122	Painting, Coating, & Decorating Workers	220	260	40	18.2	0
51-9123	Photographic Process Workers	270	280	10	3.7	0
51-9132	Photographic Processing Machine Operators	710	780	70	9.9	20
51-9141	Semiconductor Processors	10	10	0	0.0	0
51-9191	Cementing & Gluing Machine Operators & Tenders	280	280	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators					
	& Tenders	180	190	10	5.6	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	100	110	10	10.0	0
51-9194	Etchers & Engravers	140	140	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	100	110	10	10.0	0
51-9196 51-9197	Paper Goods Machine Setters, Operators, & Tenders Tire Builders	920 580	1,030 620	110 40	12.0 6.9	20 10
51-9197	HelpersProduction Workers	4,960	5,160	200	4.0	150
51-9199	Production Workers, All Other	3,130	3,430	300	9.6	120
	,					
53-0000	Transportation & Material Moving Occupations	101,820	114,130	12,310	12.1	3,340
53-1011	Aircraft Cargo Handling Supervisors	40	40	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	1,950	2 220	270	13.8	70
53-1031	First-Line Supervisors/Managers of Transportation &	1,930	2,220	270	13.0	70
33-1031	Material-Moving Machine & Vehicle Operators	2,570	2,900	330	12.8	100
53-2011	Airline Pilots, Copilots, & Flight Engineers	200	230	30	15.0	0
53-2012	Commercial Pilots	240	250	10	4.2	10
53-2021	Air Traffic Controllers	460	410	-50	-10.9	10
53-2022	Airfield Operations Specialists	10	10	0	0.0	0
53-2099	A					
	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	100	120	20	20.0	0
53-3021	Bus Drivers, Transit & Intercity	510	600	90	17.6	10
53-3022	Bus Drivers, School	6,790	7,840	1,050	15.5	260

SOC		Average . Employi		Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-3031	Driver/Sales Workers	5,330	5,660	330	6.2	120
53-3032	Truck Drivers, Heavy & Tractor-Trailer	23,280	27,510	4,230	18.2	790
53-3033	Truck Drivers, Light or Delivery Services	9,320	11,010	1,690	18.1	260
53-3041	Taxi Drivers & Chauffeurs	1,120	1,320	200	17.9	20
53-3099	Motor Vehicle Operators, All Other	590	680	90	15.3	10
53-4011	Locomotive Engineers	830	1,030	200	24.1	40
53-4012	Locomotive Firers	20	20	0	0.0	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	40	40	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	640	640	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	700	890	190	27.1	40
53-4099	Rail Transportation Workers, All Other	60	80	20	33.3	0
53-6021	Parking Lot Attendants	130	130	0	0.0	0
53-6031	Service Station Attendants	1,220	1,370	150	12.3	80
53-6041	Traffic Technicians	90	120	30	33.3	0
53-6051	Transportation Inspectors	260	300	40	15.4	0
53-6099	Transportation Workers, All Other	140	150	10	7.1	0
53-7011	Conveyor Operators & Tenders	610	670	60	9.8	10
53-7021	Crane & Tower Operators	330	390	60	18.2	10
53-7031	Dredge Operators	20	40	20	100.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	400	500	100	25.0	10
53-7041	Hoist & Winch Operators	100	120	20	20.0	0
53-7051	Industrial Truck & Tractor Operators	6,730	7,440	710	10.5	200
53-7061	Cleaners of Vehicles & Equipment	3,430	3,820	390	11.4	170
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	19,680	19,890	210	1.1	660
53-7063	Machine Feeders & Offbearers	2,110	2,120	10	0.5	60
53-7064	Packers & Packagers, Hand	9,150	10,390	1,240	13.6	300
53-7071	Gas Compressor & Gas Pumping Station Operators	90	100	10	11.1	0
53-7072	Pump Operators, Except Wellhead Pumpers	80	90	10	12.5	0
53-7073	Wellhead Pumpers	630	830	200	31.7	30
53-7081	Refuse & Recyclable Material Collectors	1,310	1,620	310	23.7	60
53-7121	Tank Car, Truck, & Ship Loaders	100	100	0	0.0	0
53-7199	Material Moving Workers, All Other	380	400	20	5.3	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

## **Kansas City Region**

## Kansas City Kansas Region Occupational Trends

In 2002, total occupational employment was 447,020 and is projected to reach 513,570 in 2012, or 14.9 percent growth over the period. The largest major occupational group for the Kansas City region in 2002 was the **Office and Administrative Support** occupational group, with an employment level of 74,770. The same occupational group is projected to be the largest in the year 2012, employing 80,280. The **Sales and Related** and **Transportation and Material Moving** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Sales and Related** occupational group is expected to have the greatest numerical job growth, 7,230, followed by the **Office and Administrative Support** occupational group, with 5,510. Two occupational groups, **Healthcare Support** and **Building and Grounds Cleaning and Maintenance**, will experience the greatest percent change, 27.2 and 23.8 percent respectively.

The most annual openings are expected in the **Sales and Related** occupational group with 2,380, followed by the **Office and Administrative Support** occupational group with 2,270 annual openings. Within the **Sales and Related** occupational group, **retail salespersons** are projected to have the most annual openings, with 720, followed by **cashiers**, with 640 annual openings.

11-2011       Advertising & Promotions Managers       200       260       60       30.0       10         11-2021       Marketing Managers       550       670       120       21.8       22         11-2022       Sales Managers       1,090       1,410       320       29.4       50         11-2031       Public Relations Managers       140       170       30       21.4       60         11-3011       Administrative Services Managers       690       820       130       18.8       22         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       55         11-3031       Financial Managers       1,440       1,670       230       16.0       44         11-3040       Human Resources Managers       460       540       80       17.4       22         11-3051       Industrial Production Managers       220       230       10       4.5       11         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       22         11-9011       Farmer, Ranch, & Other Agricultural Managers       70       80       10       14.3       16         11-902	
Total, All Kansas City Occupations         447,020         513,570         66,550         14.9         16,61           11-0000         Management Occupations         34,160         38,120         3,960         11.6         86           11-1011         Chief Executives         1,690         2,020         330         19.5         6           11-1021         General & Operations Managers         5,660         6,690         1,030         18.2         21           11-1031         Legislators         180         200         20         11.1         11.1           11-2011         Advertising & Promotions Managers         200         260         60         30.0         11           11-2021         Marketing Managers         550         670         120         21.8         2           11-2021         Marketing Managers         1,090         1,410         320         29.4         5           11-2021         Public Relations Managers         1,090         1,410         320         29.4         5           11-3031         Public Relations Managers         690         820         130         18.8         2           11-3021         Computer & Information Systems Managers         870         1,130 <th></th>	
11-0000         Management Occupations         34,160         38,120         3,960         11.6         86           11-1011         Chief Executives         1,690         2,020         330         19.5         6           11-1021         General & Operations Managers         5,660         6,690         1,030         18.2         21           11-1031         Legislators         180         200         20         11.1         11.2011         Advertising & Promotions Managers         200         260         60         30.0         11         11.2021         Marketing Managers         550         670         120         21.8         22         21         21.1         21.2         22         21.2         21.2         22         22.1         22         22.8         22         22         21.8         22         22         22.8         22         22.8         22         22.8         22         23.8         22         29.4         50         50         50         50         50         12.0         21.8         22         22.4         50         50         12.0         22.8         22.4         50         23         14         14         170         30         21.4         22	
11-1011       Chief Executives       1,690       2,020       330       19.5       6         11-1021       General & Operations Managers       5,660       6,690       1,030       18.2       21         11-1031       Legislators       180       200       20       11.1       11.1         11-2011       Advertising & Promotions Managers       200       260       60       30.0       11.1         11-2021       Marketing Managers       550       670       120       21.8       21.1         11-2022       Sales Managers       1,090       1,410       320       29.4       55.1         11-2031       Public Relations Managers       140       170       30       21.4       11.2         11-3031       Administrative Services Managers       690       820       130       18.8       2.2         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       5.5         11-3031       Financial Managers       460       540       80       17.4       2.2         11-3040       Human Resources Managers       490       550       60       12.2       2.2         11-3051       Industrial Production Mana	
11-1021       General & Operations Managers       5,660       6,690       1,030       18.2       21         11-1031       Legislators       180       200       20       11.1       11.2011       Advertising & Promotions Managers       200       260       60       30.0       11.1         11-2021       Marketing Managers       550       670       120       21.8       22         11-2022       Sales Managers       1,090       1,410       320       29.4       5         11-2031       Public Relations Managers       140       170       30       21.4       11.201       17.201       21.4       10.0       10.0       11.201       11.20	
11-1031       Legislators       180       200       20       11.1         11-2011       Advertising & Promotions Managers       200       260       60       30.0         11-2021       Marketing Managers       550       670       120       21.8         11-2022       Sales Managers       1,090       1,410       320       29.4         11-2031       Public Relations Managers       140       170       30       21.4         11-3011       Administrative Services Managers       690       820       130       18.8         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9         11-3031       Financial Managers       1,440       1,670       230       16.0         11-3040       Human Resources Managers       460       540       80       17.4         11-3051       Industrial Production Managers       490       550       60       12.2         11-3061       Purchasing Managers       220       230       10       4.5         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6         11-9012       Farmers & Ranchers       12,990       13,	
11-2011       Advertising & Promotions Managers       200       260       60       30.0       10         11-2021       Marketing Managers       550       670       120       21.8       22         11-2022       Sales Managers       1,090       1,410       320       29.4       50         11-2031       Public Relations Managers       140       170       30       21.4       60         11-3011       Administrative Services Managers       690       820       130       18.8       22         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       55         11-3031       Financial Managers       1,440       1,670       230       16.0       44         11-3040       Human Resources Managers       460       540       80       17.4       22         11-3051       Industrial Production Managers       220       230       10       4.5       11         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       22         11-9011       Farmer, Ranch, & Other Agricultural Managers       70       80       10       14.3       16         11-901	
11-2021       Marketing Managers       550       670       120       21.8       2         11-2022       Sales Managers       1,090       1,410       320       29.4       5         11-2031       Public Relations Managers       140       170       30       21.4       1         11-3011       Administrative Services Managers       690       820       130       18.8       2         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       5         11-3031       Financial Managers       1,440       1,670       230       16.0       4         11-3040       Human Resources Managers       460       540       80       17.4       2         11-3051       Industrial Production Managers       490       550       60       12.2       2         11-3061       Purchasing Managers       220       230       10       4.5       1         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       2         11-9011       Farmer, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9021       Construction Managers <td>0  </td>	0
11-2022       Sales Managers       1,090       1,410       320       29.4       55         11-2031       Public Relations Managers       140       170       30       21.4       21.4         11-3011       Administrative Services Managers       690       820       130       18.8       22         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       56         11-3031       Financial Managers       1,440       1,670       230       16.0       44         11-3040       Human Resources Managers       460       540       80       17.4       22         11-3051       Industrial Production Managers       490       550       60       12.2       22         11-3061       Purchasing Managers       220       230       10       4.5       11         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       22         11-9011       Farmer, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9031       Education Administrators, P	
11-2031       Public Relations Managers       140       170       30       21.4         11-3011       Administrative Services Managers       690       820       130       18.8       2         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       5         11-3031       Financial Managers       1,440       1,670       230       16.0       4         11-3040       Human Resources Managers       460       540       80       17.4       2         11-3051       Industrial Production Managers       490       550       60       12.2       2         11-3061       Purchasing Managers       220       230       10       4.5       1         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Postsecondary       110	
11-3011       Administrative Services Managers       690       820       130       18.8       22         11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       56         11-3031       Financial Managers       1,440       1,670       230       16.0       44         11-3040       Human Resources Managers       460       540       80       17.4       20         11-3051       Industrial Production Managers       490       550       60       12.2       20         11-3061       Purchasing Managers       220       230       10       4.5       10         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       20         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3       10         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4       60         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Postsecondary       80       790       160       25.4       40	
11-3021       Computer & Information Systems Managers       870       1,130       260       29.9       50         11-3031       Financial Managers       1,440       1,670       230       16.0       44         11-3040       Human Resources Managers       460       540       80       17.4       20         11-3051       Industrial Production Managers       490       550       60       12.2       20         11-3061       Purchasing Managers       220       230       10       4.5       10         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       20         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3       10         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4       60         11-9021       Construction Managers       810       940       130       16.0       30         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Postsecondary       110       130       20       18.2	0
11-3031       Financial Managers       1,440       1,670       230       16.0       4         11-3040       Human Resources Managers       460       540       80       17.4       2         11-3051       Industrial Production Managers       490       550       60       12.2       2         11-3061       Purchasing Managers       220       230       10       4.5       1         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9021       Construction Managers       810       940       130       16.0         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Postsecondary       80       790       160       25.4         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-3040       Human Resources Managers       460       540       80       17.4       20         11-3051       Industrial Production Managers       490       550       60       12.2       20         11-3061       Purchasing Managers       220       230       10       4.5       10         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       20         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4       60         11-9021       Construction Managers       810       940       130       16.0       30         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Elementary & Secondary School       630       790       160       25.4         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-3051       Industrial Production Managers       490       550       60       12.2       21         11-3061       Purchasing Managers       220       230       10       4.5       10         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6       20         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3       11.3       11.9012       Farmers & Ranchers       12,990       13,040       50       0.4       60       60       11.9021       Construction Managers       810       940       130       16.0       30       30       11.9031       Education Administrators, Preschool & Child Care       110       120       10       9.1       11.9032       Education Administrators, Elementary & Secondary School       630       790       160       25.4       40         11-9033       Education Administrators, Postsecondary       110       130       20       18.2       18.2	
11-3061       Purchasing Managers       220       230       10       4.5       11         11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9021       Construction Managers       810       940       130       16.0         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Elementary & Secondary School       630       790       160       25.4         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-3071       Transportation, Storage, & Distribution Managers       370       450       80       21.6         11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9021       Construction Managers       810       940       130       16.0         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Elementary & Secondary School       630       790       160       25.4         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-9011       Farm, Ranch, & Other Agricultural Managers       70       80       10       14.3         11-9012       Farmers & Ranchers       12,990       13,040       50       0.4         11-9021       Construction Managers       810       940       130       16.0         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1         11-9032       Education Administrators, Elementary & Secondary School       630       790       160       25.4         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-9012       Farmers & Ranchers       12,990       13,040       50       0.4       60         11-9021       Construction Managers       810       940       130       16.0       30         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1       9.1         11-9032       Education Administrators, Elementary & Secondary       630       790       160       25.4       40         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-9021       Construction Managers       810       940       130       16.0       30         11-9031       Education Administrators, Preschool & Child Care       110       120       10       9.1       9.1         11-9032       Education Administrators, Elementary & Secondary       630       790       160       25.4       40         11-9033       Education Administrators, Postsecondary       110       130       20       18.2	
11-9031Education Administrators, Preschool & Child Care110120109.111-9032Education Administrators, Elementary & Secondary School63079016025.411-9033Education Administrators, Postsecondary1101302018.2	
11-9032Education Administrators, Elementary & Secondary School63079016025.44011-9033Education Administrators, Postsecondary1101302018.2	
11-9033 Education Administrators, Postsecondary 110 130 20 18.2	
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11-3003 Education Administrators, All Other	ŏ∥
11-9041 Engineering Managers 740 900 160 21.6 4	
11-9051 Food Service Managers 800 920 120 15.0 2	
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11-9111 Medical & Health Services Managers 780 980 200 25.6 4	
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11-9141 Property, Real Estate, & Community Association Managers 430 510 80 18.6 2	
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11-9199 Managers, All Other 1,740 1,900 160 9.2 5	
13-0000 Business & Financial Operations Occupations 19,070 22,170 3,100 16.3 66 13-1011 Agents & Business Managers of Artists, Performers, &	۲
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13-1022 Wholesale & Retail Buyers, Except Farm Products 700 710 10 1.4 2	
13-1023 Purchasing Agents, Except Wholesale, Retail, & Farm	ັ ∥
Products 690 790 100 14.5	ا م
13-1031 Claims Adjusters, Examiners, & Investigators 1,190 1,340 150 12.6 4	
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13-1041 Compliance Officers, Except Agriculture, Construction,	Ŭ
Health & Safety, & Transportation 480 510 30 6.3	ا م
13-1051 Cost Estimators 830 1,020 190 22.9 4	
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13-1071 Employment, Recruitment, & Placement Specialists 580 680 100 17.2 2	
13-1072 Compensation, Benefits, & Job Analysis Specialists 510 640 130 25.5	
13-1073 Training & Development Specialists 660 800 140 21.2	
13-1111 Management Analysts 2,150 2,660 510 23.7 8	
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	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number		Annual Openings <sup>2</sup>
13-1199	Business Operations Specialists, All Other	2,770	3,300	530	19.1	100
13-2011	Accountants & Auditors	3,060	3,690	630	20.6	120
13-2021	Appraisers & Assessors of Real Estate	290	330	40	13.8	10
13-2031	Budget Analysts	130	140	10	7.7	0
13-2041	Credit Analysts	220	240	20	9.1	0
13-2051	Financial Analysts	1,360	1,470	110	8.1	30
13-2052	Personal Financial Advisors	400	500	100	25.0	20
13-2053	Insurance Underwriters	530	560	30	5.7	10
13-2061	Financial Examiners	70	70	0	0.0	0
13-2071	Loan Counselors	40	50	10	25.0	0
13-2072	Loan Officers	1,370	1,520	150	10.9	40
13-2081	Tax Examiners, Collectors, & Revenue Agents	260	230	-30	-11.5	10
13-2082	Tax Preparers	170	230	60	35.3	10
13-2099	Financial Specialists, All Other	270	300	30	11.1	10
15-0000	Computer & Mathematical Occupations	16,290	19,720	3,430	21.1	570
15-1011	Computer & Information Scientists, Research	60	70	10	16.7	0
15-1021	Computer Programmers	2,200	2,280	80	3.6	60
15-1031	Computer Software Engineers, Applications	4,150	4,960	810	19.5	120
15-1032	Computer Software Engineers, Systems Software	970	1,350	380	39.2	50
15-1041	Computer Support Specialists	2,170	2,640	470	21.7	80
15-1051	Computer Systems Analysts	3,060	3,780	720	23.5	110
15-1061	Database Administrators	510	680	170	33.3	30
15-1071	Network & Computer Systems Administrators	1,380	1,750	370	26.8	60
15-1081	Network Systems & Data Communications Analysts	700	970	270	38.6	40
15-1099	Computer Specialists, All Other	440	560	120	27.3	20
15-2011	Actuaries	100	110	10	10.0	0
15-2031	Operations Research Analysts	480	490	10	2.1	10
15-2041	Statisticians	50	60	10	20.0	0
15-2091	Mathematical Technicians	10	10	0	0.0	0
15-2099	Mathematical Science Occupations, All Other	10	10	0	0.0	0
17-0000	Architecture & Engineering Occupations	11,400	13,420	2,020	17.7	
17-1011	Architects, Except Landscape & Naval	480	720	240	50.0	30
17-1012	Landscape Architects	80	100	20	25.0	0
17-1021	Cartographers & Photogrammetrists	180	250	70	38.9	20
17-1022	Surveyors	230	290	60	26.1	20
17-2011	Aerospace Engineers	180	230	50	27.8	10
17-2021	Agricultural Engineers	10	20	10	100.0	0
17-2031	Biomedical Engineers	20	20	0	0.0	0
17-2041	Chemical Engineers	90	120	30	33.3	0
17-2051	Civil Engineers	830	1,060	230	27.7	30
17-2061	Computer Hardware Engineers	280	300	20	7.1	10
17-2071	Electrical Engineers	510	590	80	15.7	20
17-2072	Electronics Engineers, Except Computer	4,180	4,410	230	5.5	100
17-2081	Environmental Engineers	120	170	50	41.7	10
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	70	90	20	28.6	0
17-2112	Industrial Engineers	250	290	40	16.0	0 10
17-2112	Materials Engineers	30	30	0	0.0	0
17-2131	Mechanical Engineers	730	880	150	20.5	40
17-2141	Nuclear Engineers	10	10	0	0.0	0
17-2101	Petroleum Engineers	10	10	0	0.0	0
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		Average		Dunin stord	Ohamas	Total
SOC	<del>-</del>	Employi		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
17-2199	Engineers, All Other	220	250	30	13.6	0
17-3011	Architectural & Civil Drafters	550	700	150	27.3	40
17-3012	Electrical & Electronics Drafters	190	200	10	5.3	10
17-3013	Mechanical Drafters	370	410	40	10.8	10
17-3021	Aerospace Engineering & Operations Technicians	20	20	0	0.0	0
17-3022	Civil Engineering Technicians	580	730	150	25.9	30
17-3023	Electrical & Electronic Engineering Technicians	480	570	90	18.8	20
17-3024	Electro-Mechanical Technicians	30	40	10	33.3	0
17-3025	Environmental Engineering Technicians	40	50	10	25.0	0
17-3026	Industrial Engineering Technicians	90	110	20	22.2	0
17-3027	Mechanical Engineering Technicians	110	130	20	18.2	0
17-3031	Surveying & Mapping Technicians	300	460	160	53.3	30
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	130	160	30	23.1	0
19-0000	Life, Physical, & Social Science Occupations	3,170	3,610	440	13.9	80
19-1010	Agricultural & Food Scientists	50	50	0	0.0	0
19-1021	Biochemists & Biophysicists	40	50	10	25.0	0
19-1022	Microbiologists	40	40	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	70	60	-10	-14.3	0
19-1041	Epidemiologists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	120	160	40	33.3	0
19-1099	Life Scientists, All Other	70	60	-10	-14.3	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	30	30	0	0.0	0
19-2031	Chemists	200	230	30	15.0	10
19-2032	Materials Scientists	10	10	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	240	300	60	25.0	10
19-2042	Geoscientists, Except Hydrologists & Geographers	70	90	20	28.6	0
19-2043	Hydrologists	20	20	0	0.0	0
19-2099	Physical Scientists, All Other	70	70	0	0.0	0
19-3011	Economists  Market Bassarah Arrahesta	10	10	0	0.0	0
19-3021	Market Research Analysts	890	1,000	110	12.4	30
19-3022	Survey Researchers	80	100	20	25.0	0
19-3031	Clinical, Counseling, & School Psychologists	350	410	60	17.1	20
19-3051	Urban & Regional Planners	30	40	10	33.3	0
19-3093	Historians Social Scientists & Bolated Workers, All Other	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	130	120	-10	-7.7	0
19-4011 19-4021	Agricultural & Food Science Technicians Biological Technicians	30	30 90	0	0.0 28.6	0
19-4021	Chemical Technicians	70 140	160	20 20	14.3	0
19-4031	Geological & Petroleum Technicians	140	100	0	0.0	0
19-4041	Nuclear Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including	10	10	U	0.0	0
13-4031	Health	110	160	50	45.5	10
19-4092	Forensic Science Technicians	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	80	70	-10	-12.5	o l
19-4099	Life, Physical, & Social Science Technicians, All Other	140	160	20	14.3	o o
21-0000	Community & Social Services Occupations	5,810	6,880	1,070	18.4	220
21-1011	Substance Abuse & Behavioral Disorder Counselors	90	100	10	11.1	0
21-1012	Educational, Vocational, & School Counselors	480	550	70	14.6	20
21-1013	Marriage & Family Therapists	130	140	10	7.7	0

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
21-1014	Mental Health Counselors	120	130	10	8.3	0
21-1014	Rehabilitation Counselors	260	310	50	19.2	20
21-1013	Child, Family, & School Social Workers	470	550	80	17.0	20
21-1021	Medical & Public Health Social Workers	240	310	70	29.2	10
21-1022	Mental Health & Substance Abuse Social Workers	280	340	60	21.4	20
21-1023	Health Educators	50	60	10	20.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	150	170	20	13.3	0
21-1093	Social & Human Service Assistants	940	1,230	290	30.9	50
21-2011	Clergy	1,700	1,900	200	11.8	60
21-2021	Directors, Religious Activities & Education	400	480	80	20.0	10
21-9099	Counselors, Social, & Religious Workers, All Other	500	610	110	22.0	20
23-0000	Legal Occupations	2,500	2,930	430	17.2	60
23-1011	Lawyers	1,100	1,350	250	22.7	40
23-1021	Administrative Law Judges, Adjudicators, & Hearing	,	,			
	Officers	20	20	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	50	60	10	20.0	0
23-2011	Paralegals & Legal Assistants	490	670	180	36.7	20
23-2091	Court Reporters	50	70	20	40.0	0
23-2092	Law Clerks	60	70	10	16.7	0
23-2093	Title Examiners, Abstractors, & Searchers	250	240	-10	-4.0	0
23-9099	Legal & Related Workers, All Other	470	440	-30	-6.4	10
25-0000	Education, Training, & Library Occupations	19,890	24,530	4,640	23.3	870
25-1011	Business Teachers, Postsecondary	110	140	30	27.3	0
25-1021	Computer Science Teachers, Postsecondary	100	140	40	40.0	0
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27.3	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1032	Engineering Teachers, Postsecondary	40	50	10	25.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	30	40	10	33.3	0
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25.0	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers,	40	40	0	0.0	
05.4050	Postsecondary Chamietry Tapahara Bastagaandary	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	20	30	10	50.0	0
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary Psychology Teachers, Postsecondary	20	20	0	0.0 40.0	0
25-1066		50	70	20		0
25-1067 25-1071	Sociology Teachers, Postsecondary	30	40 110	10 30	33.3	0
25-1071 25-1072	Health Specialties Teachers, Postsecondary	80	80		37.5	0
25-1072 25-1081	Nursing Instructors & Teachers, Postsecondary Education Teachers, Postsecondar	60	40	20	33.3 33.3	0
25-1081 25-1082	Library Science Teachers, Postsecondary	30 10	10	10		0
25-1062	Criminal Justice & Law Enforcement Teachers,	10	10	0	0.0	0
25-1111	·	20	20	10	50.0	0
25-1112	Postsecondary Law Teachers, Postsecondary	20 10	30 10	10	50.0 0.0	0
25-1112 25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1113 25-1121	Art, Drama, & Music Teachers, Postsecondary	130	170	40	30.8	0
25-1121 25-1122	Communications Teachers, Postsecondary	40	60	20	50.8 50.0	0
25-1122 25-1123	English Language & Literature Teachers, Postsecondary	120	160	40	33.3	0
25-1123	Foreign Language & Literature Teachers, Postsecondary	80	110	30	37.5	0

		Average	Annual			Tatal
200		Employi	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	•					Operings
25-1125	History Teachers, Postsecondary	50	70	20	40.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	20	30	10	50.0	0
25-1191	Graduate Teaching Assistants	20	30	10	50.0	0
25-1192	Home Economics Teachers, Postsecondary	20	20	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	50	60	10	20.0	0
25-1194	Vocational Education Teachers, Postsecondary	230	300	70	30.4	20
25-1199	Postsecondary Teachers, All Other	370	470	100	27.0	20
25-2011	Preschool Teachers, Except Special Education	630	770	140	22.2	20
25-2012	Kindergarten Teachers, Except Special Education	450	580	130	28.9	20
25-2021	Elementary School Teachers, Except Special Education	4,700	5,560	860	18.3	190
25-2022	Middle School Teachers, Except Special & Vocational					
	Education	2,200	2,470	270	12.3	80
25-2023	Vocational Education Teachers, Middle School	50	60	10	20.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	3,240	3,940	700	21.6	160
25-2032	Vocational Education Teachers, Secondary School	480	540	60	12.5	20
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
	Elementary School	660	880	220	33.3	40
25-2042	Special Education Teachers, Middle School	310	420	110	35.5	20
25-2043	Special Education Teachers, Secondary School	460	610	150	32.6	30
25-3011	Adult Literacy, Remedial Education, & GED Teachers &	400	000	40	00.0	
0= 0004	Instructors	180	220	40	22.2	0
25-3021	Self-Enrichment Education Teachers	370	480	110	29.7	20
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,680	2,410	730	43.5	90
25-4010	Archivists, Curators, & Museum Technicians	50	50	0	0.0	0
25-4021	Librarians	430	470	40	9.3	10
25-4031	Library Technicians	280	340	60	21.4	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	40	50	10	25.0	0
25-9031	Instructional Coordinators	270	340	70	25.9	10
25-9041	Teacher Assistants	1,350	1,660	310	23.0	60
25-9199	Library, Museum, Training, & Other Education Workers, All	40	40	0	0.0	
	Other	40	40	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	6,460	7,510	1,050	16.3	230
27-1011	Art Directors	100	110	10	10.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	30	30	0	0.0	0
27-1014	Multi-Media Artists & Animators	140	160	20	14.3	0
27-1021	Commercial & Industrial Designers	90	110	20	22.2	0
27-1022	Fashion Designers	10	20	10	100.0	0
27-1023	Floral Designers	380	420	40	10.5	10
27-1024	Graphic Designers	640	780	140	21.9	20
27-1025	Interior Designers	190	240	50	26.3	10
27-1026	Merchandise Displayers & Window Trimmers	230	270	40	17.4	0
27-1027	Set & Exhibit Designers	10	10	0	0.0	0
27-1099	Art & Design Workers, All Other	230	250	20	8.7	0
27-2011	ctors	40	40	0	0.0	0
27-2012	Producers & Directors	120	130	10	8.3	0
27-2021	Athletes & Sports Competitors	20	30	10	50.0	0
27-2022	Coaches & Scouts	700	850	150	21.4	30
27-2023	Umpires, Referees, & Other Sports Officials	90	110	20	22.2	0

Employment   Projected Change   Annual Code   Cod		·	Average		Declarate	QI, a sa a	Total
27-2031   Dancers   30   30   0   0.0   0.0   0.0		-					
27-2032         Choreographers         130         150         20         15.4         10           27-2042         Music Directors & Composers         410         490         80         19.5         20           27-2042         Entertainers & Performers, Sports & Related Workers, All         10         400         0.0         0           27-3010         Announcers         20         200         -20         -9.1         10           27-3020         News Analysts, Reporters & Correspondents         220         200         -20         -9.1         10           27-3031         Public Relations Specialists         700         900         200         28.6         30           27-3041         Editors         340         380         40         11.8         10           27-3041         Viters & Authors         180         210         30         16.7         10           27-3041         Interpreters & Translators         60         80         20         33.3         0           27-3091         Interpreters & Translators         60         80         20         33.3         0           27-4011         Audio & Video Equipment Technicians         70         80         10         1	Code	Occupational Little	2002	2012	Number	Percent	Openings*
27-2041   Music Directors & Composers   150   170   20   13.3   0   27-2024   Musicians & Singers   27-2029   Entertainers & Performers, Sports & Related Workers, All   10   10   0   0.0   0   0   0   0   0   0   0	27-2031	Dancers	30	30	0	0.0	0
27-2042   Musicians & Singers   20   27-2099   Enterainers & Perfomers, Sports & Related Workers, All Orbitary   10   10   0   0   0   0   0   0   0	27-2032	Choreographers	130	150	20	15.4	10
Principal Company   Prin	27-2041	Music Directors & Composers	150	170	20	13.3	0
Other         10         10         0         0         0           27-3010         News Analysts, Reporters & Correspondents         220         240         20         9.1         10           27-3031         Public Relations Specialists         700         900         200         28.6         30           27-3042         Editors         340         380         40         11.8         10           27-3042         Technical Writers         180         210         30         16.7         10           27-3041         Writers & Authors         320         350         30         9.4         10           27-3091         Interpreters & Translators         60         80         20         33.3         0           27-3091         Media & Communication Workers, All Other         90         100         10         11.1         0           27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         20         10         1-1         50.0         0           27-4018         Sud Egineering Technicians         20         20         0         0         0      <	27-2042	Musicians & Singers	410	490	80	19.5	20
27-3010 Announcers         220 Down Announcers         220 Pows Analysts, Reporters & Correspondents         220 Pows Analysts, Reporters & Socialists         30 Pows Analysts, Petrolical Socialists         30 Pows Analysts, Reporters & Socialists         30 Pows Analysts, Petrolicalists         3	27-2099	·					
27-3020         News Analysts, Reporters & Correspondents         220         240         20         9.1         10           27-3031         Public Relations Specialists         700         300         200         28.6         30           27-3042         Technical Writers         180         210         30         16.7         10           27-3042         Technical Writers         180         210         30         16.7         10           27-3041         Writers & Authors         320         350         30         9.4         10           27-3091         Interpreters & Translators         60         80         20         33.3         0           27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4011         Broadcast Technicians         20         10         10         14.3         0           27-4011         Broadcast Technicians         20         20         0         0.0         0           27-4014         Sund Engineering Technicians         20         20         0         0.0         0           27-4014         Sund Engineering Technicians         280         20         0         0	07.0040						
27-3031         Public Relations Specialists         700         900         200         28.6         30           27-3042         Technical Writers         340         380         40         11.8         10           27-3043         Writers & Authors         320         350         30         9.4         10           27-3099         Media & Communication Workers, All Other         90         100         10         11.1         0           27-4012         Broadcast Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         70         80         10         14.3         0           27-4013         Radio Operators         20         10         -10         -50.0         0           27-4014         Broadcast Technicians         20         20         0         0.0         0           27-4018         Cauce an Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4021         Photographers         280         310         30         0         0.0         0         0         0         0         0         0         0         0         0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
27-3041         Editors         340         380         40         11.8         10           27-3042         Technical Writers         180         3210         30         16.7         10           27-3043         Writers & Authors         320         350         30         9.4         10           27-3091         Interpreters & Translators         60         80         20         33.3         0           27-3091         Media & Communication Workers, All Other         90         100         11.1         1           27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         70         80         10         11.3         0           27-4014         Sound Engineering Technicians         20         10         0         0         0           27-4014         Sound Engineering Technicians         20         20         0         0         0         0           27-4012         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0		· · · · · · · · · · · · · · · · · · ·					
27-3042         Technical Writers         180         210         30         16.7         10           27-3043         Writers & Authors         320         350         30         9.4         10           27-3099         Interpreters & Translators         60         80         20         33.3         0           27-3099         Media & Communication Workers, All Other         90         100         10         11.1         0           27-4012         Broadcast Technicians         60         80         20         33.3         0           27-4013         Radio Operators         20         10         -10         -50.0         0           27-4013         Radio Operators         20         20         0         0.0         0           27-4014         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4032         Photographers         22         80         310         30         10.7         10           27-4032         Pais         Vilia         40         40         0         0 <td></td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td>		·					
27-3043         Writers & Authors         320         350         30         9.4         10           27-3091         Interpreters & Translators         60         80         20         33.3         0           27-3099         Media & Communication Workers, All Other         90         100         10         11.1         0           27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4013         Radio Operators         20         10         -10         -50.0         0           27-4014         Sound Engineering Technicians         20         20         0         0.0         0           27-4017         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4032         Pilim & Video Editors         30         30         0         0.0         0           27-4031         Christa         40         40         0         0.0         0           27-4032         Pilim & Video Editors         30         30         0         0.0							
27-3091         Interpreters & Translators         60         80         20         33.3         0           27-3099         Media & Communication Workers, All Other         90         100         101         11.1         0           27-4012         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         70         80         10         14.3         0           27-4014         Radio Operators         20         0         0         0.0         0           27-4021         Photographers         280         310         30         10.7         10           27-4032         Film & Video Editors         30         30         0         0.0         0           27-4039         Media & Communication Equipment Workers, All Other         60         70         0         10           27-4099         Healthcare Practitioners & Technical Occupations         22,170         27,990         4,920         22.2         870           29-1001         Chiropractors         180         200         20         11.1         0         0         10         10         10         10         10         10 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
27-3099         Media & Communication Workers, All Other         90         100         10         11.1         0           27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         70         80         10         14.3         0           27-4014         Sound Engineering Technicians         20         20         0         0.0         0           27-4021         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4099         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-1010         Chiropractors         180         200         20         11.1         0           29-1021         Dentists         410         410         0         0.0         1         0           29-1041         Chiropractors         180         200         20         11.1         0         0         0         0         0         0         0							
27-4011         Audio & Video Equipment Technicians         60         80         20         33.3         0           27-4012         Broadcast Technicians         70         80         10         14.3         0           27-4014         Radio Operators         20         10         10         -50.0         0           27-4014         Sound Engineering Technicians         20         20         0         0.0         0           27-4021         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4032         Filin & Video Editors         30         30         0         0.0         0           27-4032         Filin & Video Editors         30         30         0         0.0         0           27-4032         Healthcare Practitioners         21 (0)         21,70         27,090         4,920         22.2         870           29-1011         Chiriopractors         180         200         20         11.1         0         0         0         0         0         16.7         20         11.1		·					
27-4012         Broadcast Technicians         70         80         10         14.3         0           27-4013         Radio Operators         20         10         -10         -50.0         0           27-4014         Sound Engineering Technicians         20         20         0         0.0         0           27-4021         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4039         Film & Video Editors         30         30         0         0.0         0           29-0000         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-1011         Chiropractors         180         200         20         11.1         0         0         0         11.1         0         0         0         0         11.1         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
27-4013							
27-4014         Sound Engineering Technicians         20         20         0         0.0         0           27-4021         Photographers         280         310         30         10.7         10           27-4032         Film & Video Editors         30         30         0         0.0         0           27-4039         Media & Communication Equipment Workers, All Other         60         70         10         16.7           29-000         Healthcare Practitioners & Technical Occupations         22,170         27,090         4,920         22.2         870           29-1011         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
27-4021         Photographers         280         310         30         10.7         10           27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4032         Film & Video Editors         30         30         0         0.0         0           27-4099         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-0000         Healthcare Practitioners & Technical Occupations         22,170         27,990         4,920         22.2         870           29-1011         Chiropractors         180         200         20         11.1         0           29-1021         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0         0           29-1051         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General         250         270		·					
27-4031         Camera Operators, Television, Video, & Motion Picture         40         40         0         0.0         0           27-4032         Film & Video Editors         30         30         0         0.0         0           27-4099         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-0000         Healthcare Practitioners & Technical Occupations         22,170         27,090         4,920         22.2         870           29-1011         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Pharmacists         670         890         220         32.8         30           29-1061         Parmia & General Practitioners         670         720 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
27-4032         Film & Video Editors         30         30         0         0.0           27-4099         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-0000         Healthcare Practitioners & Technical Occupations         22,170         27,090         4,920         22.2         870           29-1011         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         40         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1062         Family & General         250         270         20         8.0		<del>-</del> •			30		
27-4099         Media & Communication Equipment Workers, All Other         60         70         10         16.7         0           29-0000         Healthcare Practitioners & Technical Occupations         22,170         27,090         4,920         22.2         870           29-1010         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         670         890         220         32.8         30           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10		•			0		0
29-0000         Healthcare Practitioners & Technical Occupations         22,170         27,090         4,920         22.2         870           29-1011         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians, General         210         220         10         4.8         0           29-1065         Pediatricians, General         210         220         10         4.8         0					_		0
29-1011         Chiropractors         180         200         20         11.1         0           29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         4.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1089         Physicia	27-4099	Media & Communication Equipment Workers, All Other	60	70	10	16.7	0
29-1020         Dentists         410         410         0         0.0         10           29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1071	29-0000	Healthcare Practitioners & Technical Occupations	22,170	27,090	4,920	22.2	870
29-1031         Dietitians & Nutritionists         120         140         20         16.7         0           29-1041         Optometrists         100         100         0         0.0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1069         Physicians & Surgeons, All Other         280         300         20         7.1         0	29-1011	Chiropractors	180	200	20	11.1	0
29-1041         Optometrists         100         100         0         0           29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1071         Physicians & Surgeons, All Other         280         300         20         7.1         0           29-1071         Physician Assistants         170         240         70         41.2         10           29-1071	29-1020	Dentists	410	410	0	0.0	10
29-1051         Pharmacists         670         890         220         32.8         30           29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1069         Physicians & Surgeons, All Other         280         300         20         7.1         0           29-1071         Physician Assistants         170         240         70         41.2         10           29-1081         Podiatrists         30         30         0         0.0         0           29	29-1031	Dietitians & Nutritionists	120	140	20	16.7	0
29-1061         Anesthesiologists         270         300         30         11.1         0           29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1065         Pediatricians, General         160         170         10         6.3         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1069         Physician Assistants         170         240         70         41.2         10           29-1071         Physician Assistants         170         240         70         41.2         10           29-1081         Podiatrists         30         30         0         0.0         0           29-1171         Registered Nurses         7,860         9,990         2,130         27.1         370           29-1121         Audiologists         10         20         10         100.0         0           29-1122	29-1041	Optometrists	100	100	0	0.0	0
29-1062         Family & General Practitioners         670         720         50         7.5         20           29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1071         Physicians & Surgeons, All Other         280         300         20         7.1         0           29-1071         Physician Assistants         170         240         70         41.2         10           29-1081         Podiatrists         30         30         0         0.0         0           29-1111         Registered Nurses         7,860         9,990         2,130         27.1         370           29-1121         Audiologists         10         20         10         100.0         0	29-1051	Pharmacists	670	890	220	32.8	30
29-1063         Internists, General         250         270         20         8.0         0           29-1064         Obstetricians & Gynecologists         160         170         10         6.3         0           29-1065         Pediatricians, General         210         220         10         4.8         0           29-1066         Psychiatrists         260         270         10         3.8         0           29-1067         Surgeons         580         620         40         6.9         10           29-1069         Physicians & Surgeons, All Other         280         300         20         7.1         0           29-1071         Physician Assistants         170         240         70         41.2         10           29-1081         Podiatrists         30         30         0         0.0         0           29-1181         Registered Nurses         7,860         9,990         2,130         27.1         370           29-1121         Audiologists         10         20         10         100.0         0           29-1122         Occupational Therapists         310         390         80         25.8         10           2	29-1061	Anesthesiologists	270	300	30	11.1	0
29-1064       Obstetricians & Gynecologists       160       170       10       6.3       0         29-1065       Pediatricians, General       210       220       10       4.8       0         29-1066       Psychiatrists       260       270       10       3.8       0         29-1067       Surgeons       580       620       40       6.9       10         29-1069       Physicians & Surgeons, All Other       280       300       20       7.1       0         29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1081       Podiatrists       30       30       0       0.0       0         29-1181       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10 <t< td=""><td>29-1062</td><td>Family &amp; General Practitioners</td><td>670</td><td>720</td><td>50</td><td>7.5</td><td>20</td></t<>	29-1062	Family & General Practitioners	670	720	50	7.5	20
29-1065       Pediatricians, General       210       220       10       4.8       0         29-1066       Psychiatrists       260       270       10       3.8       0         29-1067       Surgeons       580       620       40       6.9       10         29-1069       Physicians & Surgeons, All Other       280       300       20       7.1       0         29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0	29-1063	Internists, General	250	270	20	8.0	0
29-1066       Psychiatrists       260       270       10       3.8       0         29-1067       Surgeons       580       620       40       6.9       10         29-1069       Physicians & Surgeons, All Other       280       300       20       7.1       0         29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20	29-1064	Obstetricians & Gynecologists	160	170	10	6.3	0
29-1067         Surgeons         580         620         40         6.9         10           29-1069         Physicians & Surgeons, All Other         280         300         20         7.1         0           29-1071         Physician Assistants         170         240         70         41.2         10           29-1081         Podiatrists         30         30         0         0.0         0           29-1111         Registered Nurses         7,860         9,990         2,130         27.1         370           29-1121         Audiologists         10         20         10         100.0         0           29-1122         Occupational Therapists         230         290         60         26.1         10           29-1123         Physical Therapists         310         390         80         25.8         10           29-1124         Radiation Therapists         30         40         10         33.3         0           29-1125         Recreational Therapists         50         50         0         0.0         0           29-1126         Respiratory Therapists         430         570         140         32.6         20 <td< td=""><td>29-1065</td><td>Pediatricians, General</td><td>210</td><td>220</td><td>10</td><td>4.8</td><td>0</td></td<>	29-1065	Pediatricians, General	210	220	10	4.8	0
29-1069       Physicians & Surgeons, All Other       280       300       20       7.1       0         29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2	29-1066	Psychiatrists	260	270	10	3.8	0
29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50	29-1067	Surgeons	580	620	40	6.9	10
29-1071       Physician Assistants       170       240       70       41.2       10         29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50	29-1069	Physicians & Surgeons, All Other	280	300	20	7.1	0
29-1081       Podiatrists       30       30       0       0.0       0         29-1111       Registered Nurses       7,860       9,990       2,130       27.1       370         29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930 <td>29-1071</td> <td></td> <td>170</td> <td>240</td> <td>70</td> <td>41.2</td> <td>10</td>	29-1071		170	240	70	41.2	10
29-1121       Audiologists       10       20       10       100.0       0         29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30	29-1081	Podiatrists	30	30	0	0.0	0
29-1122       Occupational Therapists       230       290       60       26.1       10         29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30	29-1111	Registered Nurses	7,860	9,990	2,130	27.1	370
29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30	29-1121	Audiologists				100.0	
29-1123       Physical Therapists       310       390       80       25.8       10         29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30		<del>-</del>					
29-1124       Radiation Therapists       30       40       10       33.3       0         29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30	29-1123	· · · · · · · · · · · · · · · · · · ·					
29-1125       Recreational Therapists       50       50       0       0.0       0         29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30		· · · · · · · · · · · · · · · · · · ·					
29-1126       Respiratory Therapists       430       570       140       32.6       20         29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30		·					
29-1127       Speech-Language Pathologists       280       350       70       25.0       20         29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30							
29-1131       Veterinarians       380       430       50       13.2       20         29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30							
29-1199       Health Diagnosing & Treating Practitioners, All Other       210       260       50       23.8       20         29-2011       Medical & Clinical Laboratory Technologists       750       930       180       24.0       40         29-2012       Medical & Clinical Laboratory Technician       700       840       140       20.0       30		, , , , , , , , , , , , , , , , , , , ,					
29-2011Medical & Clinical Laboratory Technologists75093018024.04029-2012Medical & Clinical Laboratory Technician70084014020.030							
29-2012 Medical & Clinical Laboratory Technician 700 840 140 20.0 30							
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	·	Average Annual  Employment <sup>1</sup> Projected Cha			Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
29-2031	Cardiovascular Technologists & Technicians	160	220	60	37.5	10
29-2031	Diagnostic Medical Sonographers	140	170	30	21.4	0
29-2033	Nuclear Medicine Technologists	40	50	10	25.0	ő
29-2034	Radiologic Technologists & Technicians	540	660	120	22.2	20
29-2041	Emergency Medical Technicians & Paramedics	650	760	110	16.9	20
29-2051	Dietetic Technicians	80	100	20	25.0	0
29-2052	Pharmacy Technicians	640	830	190	29.7	30
29-2053	Psychiatric Technicians	80	80	0	0.0	0
29-2054	Respiratory Therapy Technicians	70	90	20	28.6	0
29-2055	Surgical Technologists	210	270	60	28.6	10
29-2056	Veterinary Technologists & Technicians	190	270	80	42.1	10
29-2061	Licensed Practical & Licensed Vocational Nurses	1,920	2,180	260	13.5	70
29-2071	Medical Records & Health Information Technicians	620	890	270	43.5	40
29-2081	Opticians, Dispensing	260	270	10	3.8	10
29-2091	Orthotists & Prosthetists	10	10	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	80	90	10	12.5	0
29-9091	Athletic Trainers	90	90	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	290	360	70	24.1	20
31-0000	Healthcare Support Occupations	10,330	13,140	2,810	27.2	450
31-1011	Home Health Aides	830	1,030	200	24.1	30
31-1012	Nursing Aides, Orderlies, & Attendants	5,290	6,620	1,330	25.1	200
31-1013	Psychiatric Aides	390	470	80	20.5	20
31-2011	Occupational Therapist Assistants	40	60	20	50.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	210	290	80	38.1	10
31-2022	Physical Therapist Aides	100	130	30	30.0	0
31-9011	Massage Therapists	120	140	20	16.7	0
31-9091	Dental Assistants	960	1,280	320	33.3	60
31-9092	Medical Assistants	850	1,260	410	48.2	60
31-9093	Medical Equipment Preparers	230	290	60	26.1	10
31-9094	Medical Transcriptionists	350	410	60	17.1	20
31-9095	Pharmacy Aides	160	190	30	18.8	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	420	530	110	26.2	20
31-9099	Healthcare Support Workers, All Other	370	430	60	16.2	20
33-0000	Protective Service Occupations	5,830	6,820	990	17.0	260
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	60	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	290	330	40	13.8	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	140	160	20	14.3	10
33-1099	First-Line Supervisors/Managers, Protective Service					_
	Workers, All Other	120	150	30	25.0	0
33-2011	Fire Fighters	600	690	90	15.0	30
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	820	920	100	12.2	30
33-3021	Detectives & Criminal Investigators	140	150	10	7.1	0
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	1,160	1,320	160	13.8	50
33-3052	Transit & Railroad Police	10	10	0	0.0	0
33-9011	Animal Control Workers	50	50	0	0.0	0
33-9021	Private Detectives & Investigators	100	110	10	10.0	0

		Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	10	0	0.0	0
33-9032	Security Guards	1,720	2,160	440	25.6	80
33-9091	Crossing Guards	110	140	30	27.3	0
33-9099	Protective Service Workers, All Other	470	530	60	12.8	40
35-0000	Food Preparation & Serving Related Occupations	30,410	35,650	5,240	17.2	1,740
35-1011	Chefs & Head Cooks	330	390	60	18.2	20
35-1012	First-Line Supervisors/Managers of Food Preparation &					
	Serving Workers	2,410	2,870	460	19.1	110
35-2011	Cooks, Fast Food	2,100	2,300	200	9.5	90
35-2012	Cooks, Institution & Cafeteria	1,990	2,010	20	1.0	60
35-2013	Cooks, Private Household Cooks, Restaurant	10	10	0	0.0	0
35-2014 35-2015	Cooks, Short Order	2,130 860	2,530 950	400 90	18.8 10.5	110 40
35-2013	Food Preparation Workers	2,570	3,120	550	21.4	150
35-2021	Bartenders	1,130	1,240	110	9.7	60
35-3021	Combined Food Preparation & Serving Workers, Including	1,100	1,240	110	0.7	00
00 0021	Fast Food	5,550	6,980	1,430	25.8	380
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee	5,555	-,	.,		
	Shop	1,200	1,370	170	14.2	100
35-3031	Waiters & Waitresses	6,590	7,850	1,260	19.1	470
35-3041	Food Servers, Nonrestaurant	520	570	50	9.6	30
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	680	790	110	16.2	30
35-9021	Dishwashers	1,200	1,310	110	9.2	50
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	950	1,150	200	21.1	50
35-9099	Food Preparation & Serving Related Workers, All Other	190	210	20	10.5	10
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	14,320	17,730	3,410	23.8	600
37-1011	First-Line Supervisors/Managers of Housekeeping &	500	000	440	40.0	00
07 4040	Janitorial Workers	580	690	110	19.0	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	420	510	90	21.4	10
37-2011	Janitors & Cleaners, Except Maids & Housekeeping	420	310	90	21.4	10
37-2011	Cleaners	6,920	8,560	1,640	23.7	290
37-2012	Maids & Housekeeping Cleaners	2,540	3,060	520	20.5	100
37-2021	Pest Control Workers	240	300	60	25.0	10
37-3011	Landscaping & Groundskeeping Workers	3,380	4,330	950	28.1	170
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	150	170	20	13.3	0
37-3013	Tree Trimmers & Pruners	30	40	10	33.3	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All					
	Other	60	70	10	16.7	0
39-0000	Personal Care & Service Occupations	13,120	15,300	2,180	16.6	510
39-1011	Gaming Supervisors	10	10	0	0.0	0
39-1012	Slot Key Persons	20	30	10	50.0	0
39-1021	First-Line Supervisors/Managers of Personal Service					
	Workers	610	690	80	13.1	30
39-2011	Animal Trainers	20	20	0	0.0	0
39-2021	Nonfarm Animal Caretakers	370	450	80	21.6	20
39-3011	Gaming Dealers	20	30	10	50.0	0
39-3012	Gaming & Sports Book Writers & Runners	70	90	20	28.6	0
39-3021	Motion Picture Projectionists	40	30	-10	-25.0	0

	·	Average Annual			Total	
SOC	-	Employment <sup>1</sup>		Projected Change		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
39-3031	Ushers, Lobby Attendants, & Ticket Takers	440	470	30	6.8	30
39-3091	Amusement & Recreation Attendants	580	700	120	20.7	30
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	110	140	30	27.3	0
39-3199	Gaming Workers, All Other	140	170	30	21.4	0
39-4011	Embalmers	210	210	0	0.0	0
39-4021	Funeral Attendants	40	50	10	25.0	0
39-5011	Barbers	360	370	10	2.8	10
39-5012	Hairdressers, Hairstylists, & Cosmetologists	2,930	3,190	260	8.9	90
39-5092	Manicurists & Pedicurists	180	210	30	16.7	0
39-5093	Shampooers	90	100	10	11.1	0
39-5094	Skin Care Specialists	160	170	10	6.3	0
39-6011	Baggage Porters & Bellhops	30	30	0	0.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	20	20	0	0.0	0
39-6031	Flight Attendants	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants &		.0	Ū	0.0	
00 0002	Baggage Porters	140	170	30	21.4	0
39-9011	Child Care Workers	3,070	3,600	530	17.3	130
39-9021	Personal & Home Care Aides	2,240	2,780	540	24.1	90
39-9031	Fitness Trainers & Aerobics Instructors	590	810	220	37.3	30
39-9032	Recreation Workers	480	570	90	18.8	20
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	100	120	20	20.0	0
41-0000	Sales & Related Occupations	53,970	61,200	7,230	13.4	2,380
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,640	5,330	690	14.9	150
41-1012	First-Line Supervisors/Managers of Non-Retail Sales	,	,			
	Workers	1,720	2,000	280	16.3	60
41-2011	Cashiers	9,820	11,370	1,550	15.8	640
41-2012	Gaming Change Persons & Booth Cashiers	20	20	0	0.0	0
41-2021	Counter & Rental Clerks	1,700	2,130	430	25.3	110
41-2022	Parts Salespersons	810	790	-20	-2.5	20
41-2031	Retail Salespersons	14,180	16,130	1,950	13.8	720
41-3011	Advertising Sales Agents	570	690	120	21.1	20
41-3021	Insurance Sales Agents	4,730	4,900	170	3.6	130
41-3031	Securities, Commodities, & Financial Services Sales		•			
	Agents	730	760	30	4.1	10
41-3041	Travel Agents	160	190	30	18.8	0
41-4011	Sales Representatives, Wholesale & Manufacturing,					
	Technical & Scientific Products	1,570	1,780	210	13.4	60
41-4012	Sales Representatives, Wholesale & Manufacturing,	•	,			
	Except Technical & Scientific Products	5,480	6,400	920	16.8	230
41-9011	Demonstrators & Product Promoters	320	410	90	28.1	20
41-9021	Real Estate Brokers	670	710	40	6.0	10
41-9022	Real Estate Sales Agents	1,800	1,860	60	3.3	50
41-9031	Sales Engineers	240	280	40	16.7	10
41-9041	Telemarketers	2,060	2,170	110	5.3	40
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &	•	•			
-	Related Workers	150	160	10	6.7	0
41-9099	Sales & Related Workers, All Other	2,600	3,120	520	20.0	100

		Average .		Projected Change		Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-0000	Office & Administrative Support Occupations	74,770	80,280	5,510	7.4	2,270
43-1011	First-Line Supervisors/Managers of Office & Administrative	,	,	,		,
	Support Workers	5,080	5,360	280	5.5	140
43-2011	Switchboard Operators, Including Answering Service	700	710	10	1.4	20
43-2021	Telephone Operators	60	30	-30	-50.0	0
43-2099	Communications Equipment Operators, All Other	20	20	0	0.0	0
43-3011	Bill & Account Collectors	1,390	1,870	480	34.5	80
43-3021	Billing & Posting Clerks & Machine Operators	1,910	1,980	70	3.7	40
43-3031	Bookkeeping, Accounting, & Auditing Clerks	7,020	7,350	330	4.7	160
43-3041	Gaming Cage Workers	10	10	0	0.0	0
43-3051	Payroll & Timekeeping Clerks	630	670	40	6.3	20
43-3061	Procurement Clerks	270	250	-20	-7.4	10
43-3071	Tellers	1,840	1,990	150	8.2	110
43-4011	Brokerage Clerks	70	60	-10	-14.3	0
43-4021	Correspondence Clerks	120	110	-10	-8.3	0
43-4031	Court, Municipal, & License Clerks	210	220	10	4.8	10
43-4041	Credit Authorizers, Checkers, & Clerks	230	210	-20	-8.7	0
43-4051	Customer Service Representatives	7,200	8,770	1,570	21.8	270
43-4061	Eligibility Interviewers, Government Programs	90	100	10	11.1	0
43-4071	File Clerks	830	810	-20	-2.4	30
43-4081	Hotel, Motel, & Resort Desk Clerks	380	480	100	26.3	30
43-4111	Interviewers, Except Eligibility & Loan	630	830	200	31.7	40
43-4121	Library Assistants, Clerical	330	380	50	15.2	20
43-4131	Loan Interviewers & Clerks	610	500	-110	-18.0	10
43-4141	New Accounts Clerks	320	350	30	9.4	10
43-4151	Order Clerks	1,310	1,190	-120	-9.2	30
43-4161	Human Resources Assistants, Except Payroll &					
	Timekeeping	480	560	80	16.7	20
43-4171	Receptionists & Information Clerks	3,220	4,030	810	25.2	160
43-4181	Reservation & Transportation Ticket Agents & Travel	000		470	447	
10 1000	Clerks	380	550	170	44.7	30
43-4999	Financial, Information, & Record Clerks, All Other	1,030	1,010	-20	-1.9	20
43-5011	Cargo & Freight Agents	420	470	50	11.9	20
43-5021	Couriers & Messengers	570	580	10	1.8	10
43-5031	Police, Fire, & Ambulance Dispatchers	260	300	40	15.4	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	510	570	60	11.8	20
43-5041	Meter Readers, Utilities Postal Service Clerks	130	130	0	0.0	0
43-5051		220	270	50	22.7	20
43-5052	Postal Service Mail Carriers	1,040	1,300	260	25.0	60
43-5053	Postal Service Mail Sorters, Processors, & Processing	E10	<b>570</b>	60	11.0	20
42 E061	Machine Operators Production, Planning, & Expediting Clerks	510 790	570 920	60	11.8	20
43-5061	Shipping, Receiving, & Traffic Clerks	2,600	2,660	130 60	16.5 2.3	30 60
43-5071 43-5081	Stock Clerks & Order Fillers	5,320	5,140	-180	-3.4	200
43-5001	Weighers, Measurers, Checkers, & Samplers,	5,320	5,140	-100	-3.4	200
43-3111	Recordkeeping	210	250	40	19.0	10
43-5199	Material Recording, Scheduling, Dispatching, & Distributing	2.0	200	.0	10.0	'`
.5 5 100	Workers, All Other	40	40	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	4,750	5,050	300	6.3	120
43-6012	Legal Secretaries	490	630	140	28.6	20
43-6013	Medical Secretaries	720	790	70	9.7	20
43-6014	Secretaries, Except Legal, Medical, & Executive	5,580	5,490	-90	-1.6	110

	·	Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-9011	Computer Operators	570	460	-110	-19.3	10
43-9021	Data Entry Keyers	1,390	1,280	-110	-7.9	30
43-9022	Word Processors & Typists	330	220	-110	-33.3	10
43-9031	Desktop Publishers	140	180	40	28.6	0
43-9041	Insurance Claims & Policy Processing Clerks	1,050	1,060	10	1.0	20
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
	Service	610	610	0	0.0	20
43-9061	Office Clerks, General	8,980	9,790	810	9.0	280
43-9071	Office Machine Operators, Except Computer	310	310	0	0.0	10
43-9081	Proofreaders & Copy Markers	70	60	-10	-14.3	0
43-9111	Statistical Assistants	30	30	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office					
	Support Workers, All Other	760	720	-40	-5.3	20
45-0000	Farming, Fishing, & Forestry Occupations	760	860	100	13.2	20
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &	00	40	40	00.0	
45.0044	Forestry Workers	30	40	10	33.3	0
45-2011	Agricultural Inspectors	40	40	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	90	100	10	11.1	0
45-2091	Agricultural Equipment Operators	140	170	30	21.4	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	320	360	40 10	12.5	10
45-2093 45-3011	Farmworkers, Farm & Ranch Animals Fishers & Related Fishing Workers	80 10	90 10		12.5 0.0	0
45-3011	Farming, Fishing, & Forestry Workers, All Other	50	50	0	0.0	0
<b>47-0000</b> 47-1011	Construction & Extraction Occupations First-Line Supervisors/Managers of Construction Trades &	21,120	25,440	4,320	20.5	810
	Extraction Workers	2,370	2,800	430	18.1	80
47-2011	Boilermakers	30	40	10	33.3	0
47-2021	Brickmasons & Blockmasons	200	240	40	20.0	0
47-2022	Stonemasons	80	90	10	12.5	0
47-2031	Carpenters	3,100	3,710	610	19.7	110
47-2041	Carpet Installers	330	380	50	15.2	20
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	90	100	10	11.1	0
47-2043	Floor Sanders & Finishers	10	10	0	0.0	0
47-2044	Tile & Marble Setters	230	300	70	30.4	10
47-2051	Cement Masons & Concrete Finishers	640	830	190	29.7	30
47-2061	Construction Laborers	2,840	3,510	670	23.6	110
47-2071	Paving, Surfacing, & Tamping Equipment Operators	200	240	40	20.0	0
47-2073	Operating Engineers & Other Construction Equipment Operators	1 510	1 750	240	15.9	60
47-2081	Drywall & Ceiling Tile Installers	1,510 230	1,750 300	240 70	30.4	60 20
47-2081	Tapers	230 80	110	30	37.5	0
47-2062 47-2111	Electricians	1,590	2,000	410	25.8	70
47-2111	Glaziers	140	170	30	21.4	0
47-2121	Insulation Workers	250	310	60	24.0	20
47-2130	Painters, Construction & Maintenance	1,180	1,380	200	16.9	40
47-2141	Paperhangers	40	40	0	0.0	0
47-2142	Pipelayers	140	170	30	21.4	0
47-2151	Plumbers, Pipefitters, & Steamfitters	1,750	2,060	310	17.7	70
47-2161	Plasterers & Stucco Masons	1,730	170	30	21.4	0
47-2171	Reinforcing Iron & Rebar Workers	60	70	10	16.7	ő
	<b>5</b>	500	590	90	18.0	20

		Average	Annual			Total
200		Employr	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
47-2211	Sheet Metal Workers	570	680	110	19.3	20
47-2221	Structural Iron & Steel Workers	110	130	20	18.2	0
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &					
	Tile & Marble Setters	260	280	20	7.7	10
47-3012	HelpersCarpenters	390	470	80	20.5	30
47-3013	HelpersElectricians	250	290	40	16.0	10
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco					
	Masons	100	130	30	30.0	0
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	290	310	20	6.9	10
47-3016	HelpersRoofers	90	110	20	22.2	0
47-3019	Helpers, Construction Trades, All Other	130	170	40	30.8	10
47-4011	Construction & Building Inspectors	170	230	60	35.3	10
47-4021	Elevator Installers & Repairers	40	40	0	0.0	0
47-4031	Fence Erectors	40	40	0	0.0	0
47-4041	Hazardous Materials Removal Workers	160	230	70	43.8	10
47-4051	Highway Maintenance Workers	300	350	50	16.7	10
47-4061	Rail-Track Laying & Maintenance Equipment Operators	90	110	20	22.2	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	50	10	25.0	0
47-4999	Construction Trades & Related Workers, All Other	90	110	20	22.2	0
47-5011	Derrick Operators, Oil & Gas	10	10	0	0.0	0
47-5012	Rotary Drill Operators, Oil & Gas	40	50	10	25.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	30	40	10	33.3	0
47-5021	Earth Drillers, Except Oil & Gas	30	40	10	33.3	0
47-5041	Continuous Mining Machine Operators	10 10	10 20	0	0.0 100.0	0
47-5042 47-5051	Mine Cutting & Channeling Machine Operators Rock Splitters, Quarry	20	20	10 0	0.0	0 0
47-5051	Roustabouts, Oil & Gas	40	50	10	25.0	0
47-5071	HelpersExtraction Workers	70	80	10	14.3	0
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
<b>49-0000</b> 49-1011	Installation, Maintenance, & Repair Occupations First-Line Supervisors/Managers of Mechanics, Installers,	18,490	21,110	2,620	14.2	610
49-1011	& Repairers	1,620	1,890	270	16.7	70
49-2011	Computer, Automated Teller, & Office Machine Repairers	790	860	70	8.9	20
49-2021	Radio Mechanics	30	20	-10	-33.3	0
49-2022	Telecommunications Equipment Installers & Repairers,			. •	00.0	
.0 _0	Except Line Installers	1,530	1,460	-70	-4.6	30
49-2091	Avionics Technicians	160	180	20	12.5	0
49-2092	Electric Motor, Power Tool, & Related Repairers	120	130	10	8.3	0
49-2093	Electrical & Electronics Installers & Repairers,					
	Transportation Equipment	70	80	10	14.3	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial					
	Equipment	210	240	30	14.3	10
49-2095	Electrical & Electronics Repairers, Powerhouse,					
	Substation, & Relay	30	30	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor					
	Vehicles	20	20	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers &					
	Repairers	210	230	20	9.5	0
49-2098	Security & Fire Alarm Systems Installers	90	110	20	22.2	0
49-3011	Aircraft Mechanics & Service Technicians	180	180	0	0.0	0
49-3021	Automotive Body & Related Repairers	660	770	110	16.7	20

	_0 0.00 <b>.</b>	Average	Annual			Total
SOC	_	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-3022	Automotive Glass Installers & Repairers	50	50	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	2,210	2,510	300	13.6	90
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,290	1,500	210	16.3	50
49-3041	Farm Equipment Mechanics	170	190	20	11.8	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	410	450	40	9.8	10
49-3043	Rail Car Repairers	150	180	30	20.0	0
49-3051	Motorboat Mechanics	10	20	10	100.0	Ö
49-3052	Motorcycle Mechanics	50	50	0	0.0	Ö
49-3053	Outdoor Power Equipment & Other Small Engine	70	80	10	14.3	Ö
49-3091	Bicycle Repairers	70	80	10	14.3	Ö
49-3092	Recreational Vehicle Service Technicians	20	20	0	0.0	Ö
49-3093	Tire Repairers & Changers	460	500	40	8.7	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, &	.00			<b></b>	
.0 0000	Repairers, All Other	10	10	0	0.0	О
49-9011	Mechanical Door Repairers	70	80	10	14.3	o l
49-9012	Control & Valve Installers & Repairers, Except Mechanical	. 0				Ĭ
.0 00.2	Door	130	160	30	23.1	о
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &					
.0 00	Installers	780	1,030	250	32.1	40
49-9031	Home Appliance Repairers	190	190	0	0.0	0
49-9041	Industrial Machinery Mechanics	580	670	90	15.5	20
49-9042	Maintenance & Repair Workers, General	3,260	3,910	650	19.9	130
49-9043	Maintenance Workers, Machinery	180	210	30	16.7	0
49-9044	Millwrights	170	200	30	17.6	0
49-9051	Electrical Power-Line Installers & Repairers	380	460	80	21.1	20
49-9052	Telecommunications Line Installers & Repairers	860	920	60	7.0	30
49-9061	Camera & Photographic Equipment Repairers	10	10	0	0.0	0
49-9062	Medical Equipment Repairers	40	50	10	25.0	0
49-9063	Musical Instrument Repairers & Tuners	30	40	10	33.3	0
49-9064	Watch Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	70	80	10	14.3	0
49-9091	Coin, Vending, & Amusement Machine Servicers &					
	Repairers	160	190	30	18.8	0
49-9094	Locksmiths & Safe Repairers	50	60	10	20.0	0
49-9095	Manufactured Building & Mobile Home Installers	70	80	10	14.3	0
49-9096	Riggers	40	50	10	25.0	0
49-9097	Signal & Track Switch Repairers	50	60	10	20.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	340	410	70	20.6	20
49-9099	Installation, Maintenance, & Repair Workers, All Other	330	390	60	18.2	20
51-0000	Production Occupations	27,460	29,710	2,250	8.2	850
51-1011	First-Line Supervisors/Managers of Production &	,	,	,		
	Operating Workers	1,960	2,230	270	13.8	70
51-2011	ircraft Structure, Surfaces, Rigging, & Systems					
	Assemblers	40	40	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	50	40	-10	-20.0	0
51-2022	Electrical & Electronic Equipment Assemblers	1,140	1,030	-110	-9.6	30
51-2023	Electromechanical Equipment Assemblers	50	50	0	0.0	0
51-2031	Engine & Other Machine Assemblers	1,740	1,750	10	0.6	50
51-2041	Structural Metal Fabricators & Fitters	200	210	10	5.0	10
51-2091	Fiberglass Laminators & Fabricators	30	30	0	0.0	0
51-2092	Team Assemblers	3,340	3,460	120	3.6	100

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	10	10	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	380	370	-10	-2.6	10
51-3011	Bakers	350	410	60	17.1	20
51-3021	Butchers & Meat Cutters	260	260	0	0.0	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	220	240	20	9.1	10
51-3023	Slaughterers & Meat Packers	170	180	10	5.9	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine					
	Operators & Tenders	50	50	0	0.0	0
51-3092	Food Batchmakers	270	300	30	11.1	10
51-3093	Food Cooking Machine Operators & Tenders	90	110	20	22.2	0
51-3099	Food Processing Workers, All Other	50	60	10	20.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal &					
	Plastic	450	520	70	15.6	20
51-4012	Numerical Tool & Process Control Programmers	30	30	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &					
	Tenders, Metal & Plastic	130	140	10	7.7	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &					
	Plastic	60	60	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &	50	50	0	0.0	
F4 4004	Plastic	50	50	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &	440	400	40	0.4	40
E4 4000	Tenders, Metal & Plastic	440	480	40	9.1	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, &	70	70	0	0.0	0
E4 4022	Tenders, Metal & Plastic	70 120	70 130	0	0.0 0.0	0 0
51-4033 51-4034	Grinding, Lapping, Polishing, & Buffing Machine Tool Lathe & Turning Machine Tool Setters, Operators, &	130	130	U	0.0	١
31-4034	Tenders, Metal & Plastic	100	100	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,	100	100	U	0.0	
31-4033	Metal & Plastic	50	50	0	0.0	0
51-4041	Machinists	800	900	100	12.5	30
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	10	10	0	0.0	Ö
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	Ö
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	ő
51-4071	Foundry Mold & Coremakers	20	20	0	0.0	o l
51-4072	Molding, Coremaking, & Casting Machine Setters,					
	Operators, & Tenders, Metal & Plastic	220	220	0	0.0	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,					
	Metal & Plastic	120	130	10	8.3	0
51-4111	Tool & Die Makers	140	150	10	7.1	0
51-4121	Welders, Cutters, Solderers, & Brazers	1,000	1,160	160	16.0	50
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	30	40	10	33.3	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,					
	Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	20	20	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,					
	Metal & Plastic	60	60	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	40	30	-10	-25.0	0
51-4199	Metal Workers & Plastic Workers, All Other	80	80	0	0.0	0
51-5011	Bindery Workers	420	380	-40	-9.5	10
51-5012	Bookbinders	40	40	0	0.0	0

	·	Average		<b>5</b>		Total
SOC	<del>-</del>	Employi		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-5021	Job Printers	260	290	30	11.5	10
51-5022	Prepress Technicians & Workers	420	390	-30	-7.1	10
51-5023	Printing Machine Operators	960	1,050	90	9.4	30
51-5099	Printing Workers, All Other	70	80	10	14.3	0
51-6011	Laundry & Dry-Cleaning Workers	690	820	130	18.8	30
51-6021	Pressers, Textile, Garment, & Related Materials	190	230	40	21.1	0
51-6031	Sewing Machine Operators	650	740	90	13.8	20
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	30	30	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	110	120	10	9.1	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, &					
	Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,					
	Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, &					
	Tenders, Synthetic & Glass Fibers	50	50	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	30	40	10	33.3	0
51-6093	Upholsterers	60	50	-10	-16.7	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	90	120	30	33.3	0
51-7011	Cabinetmakers & Bench Carpenters	200	220	20	10.0	10
51-7021	Furniture Finishers	60	70	10	16.7	0
51-7032	Patternmakers, Wood	10	10	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	50	50	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders,					
	Except Sawing	140	130	-10	-7.1	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	100	110	10	10.0	0
51-8021	Stationary Engineers & Boiler Operators	60	70	10	16.7	0
51-8031	Water & Liquid Waste Treatment Plant & System	240	280	40	16.7	10
51-8091	Chemical Plant & System Operators	90	100	10	11.1	0
51-8092	Gas Plant Operators	40	50	10	25.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, &					_
	Gaugers	90	100	10	11.1	0
51-8099	Plant & System Operators, All Other	60	70	10	16.7	0
51-9011	Chemical Equipment Operators & Tenders	70	80	10	14.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still					
	Machine Setters, Operators, & Tenders	110	130	20	18.2	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,			_		_
	Operators, & Tenders	90	90	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	80	90	10	12.5	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	340	340	0	0.0	10
51-9031	Cutters & Trimmers, Hand	50	60	10	20.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	210	250	40	19.0	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine	400	400		0.0	
	Setters, Operators, & Tenders	130	130	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	40	40	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	1,200	1,360	160	13.3	50
51-9071	Jewelers & Precious Stone & Metal Workers	60	70	10	16.7	0
51-9081	Dental Laboratory Technicians	330	340	10	3.0	10
51-9082	Medical Appliance Technicians	30	40	10	33.3	0

	_0 0.00 <b>p</b>	Average	Annual			Total
SOC	<u>-</u>	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-9083	Ophthalmic Laboratory Technicians	110	110	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	1,340	1,640	300	22.4	60
51-9121	Coating, Painting, & Spraying Machine Setters, Operators,					
	& Tenders	260	280	20	7.7	10
51-9122	Painters, Transportation Equipment	110	140	30	27.3	0
51-9123	Painting, Coating, & Decorating Workers	50	60	10	20.0	0
51-9131	Photographic Process Workers	90	100	10	11.1	0
51-9132 51-9191	Photographic Processing Machine Operators Cementing & Gluing Machine Operators & Tenders	240 120	260 120	20	8.3 0.0	10 0
51-9191	Cleaning, Washing, & Metal Pickling Equipment Operators	120	120	0	0.0	
31-3132	& Tenders	20	20	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	40	40	0	0.0	o l
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	30	30	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	460	510	50	10.9	20
51-9197	Tire Builders	30	40	10	33.3	0
51-9198	HelpersProduction Workers	1,220	1,290	70	5.7	40
51-9199	Production Workers, All Other	770	900	130	16.9	30
53-0000	Transportation & Material Moving Occupations	35,520	40,350	4,830	13.6	1,230
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, &	000	000	440	45.0	20
E2 1021	Material Movers, Hand First-Line Supervisors/Managers of Transportation &	690	800	110	15.9	30
53-1031	Material-Moving Machine & Vehicle Operators	870	990	120	13.8	30
53-2011	Airline Pilots, Copilots, & Flight Engineers	070	990	120	13.0	30
00 2011	, minio i noto, e opinoto, et i ng. n = ng. noto.					
	Air Traffic Controllers	200	180	-20	-10.0	10
53-3011	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	20	30	10	50.0	0
53-3021	Bus Drivers, Transit & Intercity	130	160	30	23.1	0
53-3022	Bus Drivers, School	2,140	2,490	350	16.4	90
53-3031	Driver/Sales Workers	1,720	1,830	110	6.4	40
53-3032	Truck Drivers, Heavy & Tractor-Trailer	8,790	10,510	1,720	19.6	310
53-3033 53-3041	Truck Drivers, Light or Delivery Services Taxi Drivers & Chauffeurs	3,700 320	4,430 370	730 50	19.7 15.6	100 10
53-3041	Motor Vehicle Operators, All Other	260	300	40	15.4	0
53-4011	Locomotive Engineers	250	310	60	24.0	20
53-4012	Locomotive Firers	10	10	0	0.0	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	20	20	0	0.0	o l
53-4021	Railroad Brake, Signal, & Switch Operators	190	190	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	210	270	60	28.6	20
53-4099	Rail Transportation Workers, All Other	20	20	0	0.0	0
53-6021	Parking Lot Attendants	40	40	0	0.0	0
53-6031	Service Station Attendants	320	360	40	12.5	20
53-6041	Traffic Technicians	20	30	10	50.0	0
53-6051	Transportation Inspectors	80	80	0	0.0	0
53-6099	Transportation Workers, All Other	40	40	0	0.0	0
53-7011	Conveyor Operators & Tenders	100	110	10	10.0	0
53-7021	Crane & Tower Operators	90	110	20	22.2	0
53-7031 53-7032	Dredge Operators  Excavating & Loading Machine & Dragline Operators	10 120	10 150	0 30	0.0 25.0	0 0
55-7052	LACAVACING & LOADING MACHINE & DIAGNINE OPERACORS	120	150	30	25.0	ı

SOC		Average Annual Employment <sup>1</sup> Projected Ch			Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-7041	Hoist & Winch Operators	20	30	10	50.0	0
53-7051	Industrial Truck & Tractor Operators	2,460	2,770	310	12.6	80
53-7061	Cleaners of Vehicles & Equipment	1,080	1,230	150	13.9	60
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	7,300	7,520	220	3.0	260
53-7063	Machine Feeders & Offbearers	710	710	0	0.0	20
53-7064	Packers & Packagers, Hand	2,810	3,300	490	17.4	100
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	50	60	10	20.0	0
53-7081	Refuse & Recyclable Material Collectors	480	620	140	29.2	20
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	140	150	10	7.1	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

### **Northeast Region**

### Northeast Kansas Region Occupational Trends

In 2002, total occupational employment was 280,740 and is projected to reach 317,570 in 2012, or 13.1 percent growth over the period. In 2002, the largest major occupational group for the Northeast region was **Office and Administrative Support**, with an employment level of 43,190. The same occupational group is projected to be the largest in the year 2012, employing 46,010. The **Management** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education**, **Training and Library** occupational group is expected to have the largest numerical job growth, 4,400, followed by the **Sales and Related** occupational group with 3,720. Two occupational groups, **Education**, **Training and Library** and **Healthcare Support**, are estimated to experience the greatest percent growth, 24.5 and 24.3 percent respectively.

Registered nurses are projected to add 1,400 jobs to the Healthcare Practitioners and Technical occupational group and nursing aides, orderlies and attendants are projected to add 960 jobs to Healthcare Support occupations. Food preparation workers and combined food preparation and service workers, including fast food are estimated to grow a combined total of 1,460 jobs through 2012 in the service sector.

The most annual openings are expected in the **Sales and Related** occupational group. Annually, 1,300 job openings are projected for this occupational group during the period 2002 to 2012. Within this occupational group, **cashiers** are projected to have the most annual openings with 460, followed by **retail salespersons** with 390 annual openings.

	2012 Occupational	Outlook				
		Average Annual				
000		Employ	Employment <sup>1</sup> Projected			Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	Total, All Northeast Occupations	280,740	<u>317,570</u>	36,830	<u>13.1</u>	9,620
11-0000	Management Occupations	32,950	34,370	1,420	4.3	380
11-1011	Chief Executives	1,010	1,170	160	15.8	40
11-1021	General & Operations Managers	3,310	3,810	500	15.1	110
11-1031	Legislators	320	330	10	3.1	0
11-2011	Advertising & Promotions Managers	120	150	30	25.0	0
11-2021	Marketing Managers	210	250	40	19.0	0
11-2022	Sales Managers	550	700	150	27.3	30
11-2031	Public Relations Managers	90	120	30	33.3	0
11-3011	Administrative Services Managers	590	670	80	13.6	20
11-3021	Computer & Information Systems Managers	350	450	100	28.6	20
11-3031	Financial Managers	760	870	110	14.5	20
11-3040	Human Resources Managers	230	260	30	13.0	0
11-3051	Industrial Production Managers	250	280	30	12.0	10
11-3061	Purchasing Managers	110	110	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	170	200	30	17.6	0
11-9011	Farm, Ranch, & Other Agricultural Managers Farmers & Ranchers	170	190	20	11.8	0 30
11-9012 11-9021	Construction Managers	19,940 490	19,250 560	-690 70	-3.5 14.3	20
11-9021	Education Administrators, Preschool & Child Care	490	300	70	14.3	20
11-9031	Center/Program	80	100	20	25.0	0
11-9032	Education Administrators, Elementary & Secondary School	500	620	120	24.0	20
11-9032	Education Administrators, Postsecondary	450	560	110	24.4	20
11-9039	Education Administrators, All Other	30	30	0	0.0	0
11-9041	Engineering Managers	210	250	40	19.0	0
11-9051	Food Service Managers	510	590	80	15.7	20
11-9061	Funeral Directors	210	220	10	4.8	10
11-9071	Gaming Managers	10	20	10	100.0	0
11-9081	Lodging Managers	50	60	10	20.0	0
11-9111	Medical & Health Services Managers	560	700	140	25.0	20
11-9121	Natural Sciences Managers	50	50	0	0.0	0
11-9131	Postmasters & Mail Superintendents	110	140	30	27.3	0
11-9141	Property, Real Estate, & Community Association Managers	230	270	40	17.4	0
11-9151	Social & Community Service Managers	220	260	40	18.2	0
11-9199	Managers, All Other	1,060	1,130	70	6.6	30
<b>13-0000</b> 13-1011	Business & Financial Operations Occupations Agents & Business Managers of Artists, Performers, &	9,610	11,010	1,400	14.6	310
10 1011	Athletes	20	30	10	50.0	0
13-1021	Purchasing Agents & Buyers, Farm Products	40	50	10	25.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	250	260	10	4.0	10
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm					
40.4004	Products	420	480	60	14.3	20
13-1031	Claims Adjusters, Examiners, & Investigators	480	530	50	10.4	20
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction,	640	640	0	0.0	20
10 1051	Health & Safety, & Transportation Cost Estimators	640 410	640 510	100	0.0 24.4	20
13-1051 13-1061	Emergency Management Specialists	410 30	510 40	100 10	33.3	20 0
13-1061	Employment, Recruitment, & Placement Specialists	200	240	40	20.0	0
13-1071	Compensation, Benefits, & Job Analysis Specialists	160	210	50	31.3	10
13-1072	Training & Development Specialists	360	430	70	19.4	
10 10/3	Training & Dovolopinoni Oposidiloto	500	750	, 0	10.4	1 20

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
13-1111	Management Analysts	880	1,030	150	17.0	30
13-1121	Meeting & Convention Planners	100	120	20	20.0	0
13-1199	Business Operations Specialists, All Other	1,540	1,790	250	16.2	60
13-2011	Accountants & Auditors	1,890	2,260	370	19.6	80
13-2021	Appraisers & Assessors of Real Estate	220	240	20	9.1	10
13-2031	Budget Analysts	70	80	10	14.3	0
13-2041	Credit Analysts	80	90	10	12.5	Ö
13-2051	Financial Analysts	260	290	30	11.5	Ö
13-2052	Personal Financial Advisors	170	200	30	17.6	0
13-2053	Insurance Underwriters	210	230	20	9.5	0
13-2061	Financial Examiners	70	60	-10	-14.3	0
13-2071	Loan Counselors	20	20	0	0.0	0
13-2072	Loan Officers	630	690	60	9.5	20
13-2081	Tax Examiners, Collectors, & Revenue Agents	180	160	-20	-11.1	0
13-2082	Tax Preparers	110	150	40	36.4	0
13-2099	Financial Specialists, All Other	150	160	10	6.7	0
15-0000	Computer & Mathematical Occupations	4,260	5,070	810	19.0	140
15-1011	Computer & Information Scientists, Research	30	40	10	33.3	0
15-1021	Computer Programmers	640	670	30	4.7	20
15-1031	Computer Software Engineers, Applications	510	620	110	21.6	20
15-1032	Computer Software Engineers, Systems Software	210	270	60	28.6	10
15-1041	Computer Support Specialists	770	930	160	20.8	30
15-1051	Computer Systems Analysts	860	1,010	150	17.4	30
15-1061	Database Administrators	160	210	50	31.3	10
15-1071	Network & Computer Systems Administrators	500	630	130	26.0	20
15-1081	Network Systems & Data Communications Analysts	270	350	80	29.6	10
15-1099	Computer Specialists, All Other	130	160	30	23.1	0
15-2011	Actuaries	40	40	0	0.0	0
15-2031	Operations Research Analysts	100	110	10	10.0	0
15-2041	Statisticians	30	30	0	0.0	0
17-0000	Architecture & Engineering Occupations	3,150	3,570	420	13.3	
17-1011	Architects, Except Landscape & Naval	120	170	50	41.7	10
17-1012	Landscape Architects	30	40	10	33.3	0
17-1021	Cartographers & Photogrammetrists	50	70	20	40.0	0
17-1022	Surveyors	50	60	10	20.0	0
17-2011	Aerospace Engineers	40	50	10	25.0	0
17-2021	Agricultural Engineers	10	10	0	0.0	0
17-2031	Biomedical Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	40	40	0	0.0	0
17-2051	Civil Engineers	320	370	50	15.6	20
17-2061	Computer Hardware Engineers	30	40	10	33.3	0
17-2071	Electrical Engineers	120	140	20	16.7	0
17-2072	Electronics Engineers, Except Computer	350	370	20	5.7	10
17-2081	Environmental Engineers	70	90	20	28.6	0
17-2111	Health & Safety Engineers, Except Mining Safety	40	40	0	0.0	
17 0110	Engineers & Inspectors	40	40	0	0.0	0
17-2112	Industrial Engineers	110	120	10	9.1	0
17-2131	Materials Engineers	10	10	0	0.0	0
17-2141	Mechanical Engineers	260	290	30	11.5	10
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0

		Average	Annual			Total
SOC		Employr	ment <sup>1</sup>	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
17-2199	Engineers, All Other	180	190	10	5.6	0
17-3011	Architectural & Civil Drafters	140	170	30	21.4	0
17-3012	Electrical & Electronics Drafters	40	40	0	0.0	0
17-3013	Mechanical Drafters	120	120	0	0.0	Ö
17-3022	Civil Engineering Technicians	530	550	20	3.8	10
17-3023	Electrical & Electronic Engineering Technicians	160	180	20	12.5	0
17-3024	Electro-Mechanical Technicians	10	20	10	100.0	0
17-3025	Environmental Engineering Technicians	10	20	10	100.0	0
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	70	80	10	14.3	0
17-3031	Surveying & Mapping Technicians	80	120	40	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	90	100	10	11.1	0
19-0000	Life, Physical, & Social Science Occupations	2,280	2,510	230	10.1	40
19-1010	Agricultural & Food Scientists	120	130	10	8.3	0
19-1021	Biochemists & Biophysicists	40	40	0	0.0	0
19-1022	Microbiologists	30	30	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	30	30	0	0.0	0
19-1031	Conservation Scientists	50	50	0	0.0	0
19-1041	Epidemiologists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	60	80	20	33.3	0
19-1099	Life Scientists, All Other	80	80	0	0.0	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	20	10	-10	-50.0	0
19-2031	Chemists Materials Scientists	100	110	10	10.0	0
19-2032	Environmental Scientists & Specialists, Including Health	10 210	20 220	10 10	100.0 4.8	0
19-2041 19-2042	Geoscientists, Except Hydrologists & Geographers	80	90	10	12.5	0
19-2042	Hydrologists	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	40	40	0	0.0	0
19-3011	Economists	10	10	0	0.0	o o
19-3021	Market Research Analysts	230	280	50	21.7	20
19-3022	Survey Researchers	90	100	10	11.1	0
19-3031	Clinical, Counseling, & School Psychologists	320	370	50	15.6	20
19-3051	Urban & Regional Planners	20	30	10	50.0	0
19-3091	Anthropologists & Archeologists	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	150	150	0	0.0	0
19-4011	Agricultural & Food Science Technicians	90	100	10	11.1	0
19-4021	Biological Technicians	60	60	0	0.0	0
19-4031	Chemical Technicians	70	80	10	14.3	0
19-4091	Environmental Science & Protection Technicians, Including	20	400	40	44.4	
10 1000	Health	90	100	10	11.1	0
19-4092	Forensic Science Technicians	10	10	0	0.0	0
19-4093 19-4099	Forest & Conservation Technicians Life, Physical, & Social Science Technicians, All Other	60 170	60 190	0 20	0.0 11.8	0 0
	·			20		
21-0000	Community & Social Services Occupations	5,890	6,830	940	16.0	210
21-1011	Substance Abuse & Behavioral Disorder Counselors	100	110	10	10.0	0
21-1012	Educational, Vocational, & School Counselors	470	530	60	12.8	20
21-1013	Marriage & Family Therapists	80	80	0	0.0	0
21-1014	Mental Health Counselors	140	160	20	14.3	0
21-1015	Rehabilitation Counselors Child, Family, & School Social Workers	390 450	460 540	70	17.9	20
21-1021	Child, Family, & School Social Workers	450	540	90	20.0	20

		Average	Annual			T. (.)
000		Employment <sup>1</sup>		Projected Change		Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	_
Code	Occupational Title	2002	2012	Number	reiceiii	Openings <sup>2</sup>
21-1022	Medical & Public Health Social Workers	270	330	60	22.2	20
21-1023	Mental Health & Substance Abuse Social Workers	450	500	50	11.1	20
21-1091	Health Educators	60	70	10	16.7	0
21-1092	Probation Officers & Correctional Treatment Specialists	260	270	10	3.8	10
21-1093	Social & Human Service Assistants	1,530	1,860	330	21.6	60
21-2011	Clergy	1,000	1,100	100	10.0	30
21-2021	Directors, Religious Activities & Education	230	270	40	17.4	0
21-9099	Counselors, Social, & Religious Workers, All Other	460	550	90	19.6	20
23-0000	Legal Occupations	2,070	2,260	190	9.2	40
23-1011	Lawyers	860	990	130	15.1	20
23-1021	Administrative Law Judges, Adjudicators, & Hearing					
	Officers	20	20	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	20	20	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	160	160	0	0.0	0
23-2011	Paralegals & Legal Assistants	310	410	100	32.3	10
23-2091	Court Reporters	100	100	0	0.0	0
23-2092	Law Clerks	60	60	0	0.0	o o
23-2093	Title Examiners, Abstractors, & Searchers	100	100	0	0.0	0
23-9099	Legal & Related Workers, All Other	440	400	-40	-9.1	10
25-0000	Education, Training, & Library Occupations	17,990	22,390	4,400	24.5	790
25-1011	Business Teachers, Postsecondary	300	400	100	33.3	20
	· · · · · · · · · · · · · · · · · · ·	120	160	40	33.3	
25-1021	Computer Science Teachers, Postsecondary					0
25-1022	Mathematical Science Teachers, Postsecondary	140	180	40	28.6	0
25-1031	Architecture Teachers, Postsecondary	70	100	30	42.9	0
25-1032	Engineering Teachers, Postsecondary	230	300	70	30.4	20
25-1041	Agricultural Sciences Teachers, Postsecondary	160	200	40	25.0	0
25-1042	Biological Science Teachers, Postsecondary	180	240	60	33.3	10
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers,	00	00	40	50.0	
	Postsecondary	20	30	10	50.0	0
25-1052	Chemistry Teachers, Postsecondary	80	110	30	37.5	0
25-1053	Environmental Science Teachers, Postsecondary	10	10	0	0.0	0
25-1054	Physics Teachers, Postsecondary	60	80	20	33.3	0
25-1061	Anthropology & Archeology Teachers, Postsecondary	10	20	10	100.0	0
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	20	30	10	50.0	0
25-1063	Economics Teachers, Postsecondary	70	90	20	28.6	0
25-1064	Geography Teachers, Postsecondar	20	30	10	50.0	0
25-1065	Political Science Teachers, Postsecondary	50	70	20	40.0	0
25-1066	Psychology Teachers, Postsecondary	110	160	50	45.5	0
25-1067	Sociology Teachers, Postsecondary	60	80	20	33.3	0
25-1071	Health Specialties Teachers, Postsecondary	160	220	60	37.5	10
25-1072	Nursing Instructors & Teachers, Postsecondary	60	80	20	33.3	0
25-1081	Education Teachers, Postsecondary	260	350	90	34.6	20
25-1082	Library Science Teachers, Postsecondary	40	50	10	25.0	0
25-1111	Criminal Justice & Law Enforcement Teachers,					
	Postsecondary	20	20	0	0.0	0
25-1112	Law Teachers, Postsecondary	30	50	20	66.7	0
25-1113	Social Work Teachers, Postsecondary	80	100	20	25.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	360	490	130	36.1	20
25-1122	Communications Teachers, Postsecondary	110	140	30	27.3	0
25-1123	English Language & Literature Teachers, Postsecondary	180	240	60	33.3	10
25-1124	Foreign Language & Literature Teachers, Postsecondary	120	160	40	33.3	0

	•	Average	Annual			Total
SOC	<u> </u>	Employi	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-1125	History Teachers, Postsecondary	70	100	30	42.9	0
25-1126	Philosophy & Religion Teachers, Postsecondary	60	90	30	50.0	ő
25-1191	Graduate Teaching Assistants	100	130	30	30.0	0
25-1192	Home Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	40	60	20	50.0	0
25-1194	Vocational Education Teachers, Postsecondary	100	130	30	30.0	0
25-1199	Postsecondary Teachers, All Other	220	290	70	31.8	20
25-2011	Preschool Teachers, Except Special Education	490	590	100	20.4	20
25-2012	Kindergarten Teachers, Except Special Education	350	460	110	31.4	10
25-2021	Elementary School Teachers, Except Special Education	3,700	4,370	670	18.1	150
25-2022	Middle School Teachers, Except Special & Vocational					
	Education	1,730	1,940	210	12.1	60
25-2023	Vocational Education Teachers, Middle School	40	40	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	2,550	3,100	550	21.6	130
25-2032	Vocational Education Teachers, Secondary School	380	430	50	13.2	20
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
	Elementary School	510	680	170	33.3	30
25-2042	Special Education Teachers, Middle School	240	330	90	37.5	20
25-2043	Special Education Teachers, Secondary School	350	470	120	34.3	20
25-3011	Adult Literacy, Remedial Education, & GED Teachers &					
	Instructors	70	90	20	28.6	0
25-3021	Self-Enrichment Education Teachers	310	380	70	22.6	10
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,310	1,870	560	42.7	80
25-4010	Archivists, Curators, & Museum Technicians	70	70	0	0.0	0
25-4021	Librarians	430	470	40	9.3	10
25-4031	Library Technicians	350	410	60	17.1	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	90	100	10	11.1	0
25-9031	Instructional Coordinators	180	230	50	27.8	10
25-9041	Teacher Assistants	1,060	1,300	240	22.6	40
25-9199	Library, Museum, Training, & Other Education Workers, All	20	20	0	0.0	0
	Other	20	20	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	4,580	5,280	700	15.3	150
27-1011	Art Directors	60	60	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	20	20	0	0.0	0
27-1014	Multi-Media Artists & Animators	50	60	10	20.0	0
27-1021	Commercial & Industrial Designers	50	60	10	20.0	0
27-1022	Fashion Designers	10	10	0	0.0	0
27-1023	Floral Designers	280	310	30	10.7	0
27-1024	Graphic Designers	400	480	80	20.0	20
27-1025	Interior Designers	80	100	20	25.0	0
27-1026	Merchandise Displayers & Window Trimmers	90	110	20	22.2	0
27-1099	Art & Design Workers, All Other	110	120	10	9.1	0
27-2011	ctors	10	20	10	100.0	0
27-2012	Producers & Directors	80	80	0	0.0	0
27-2021	Athletes & Sports Competitors	10	10	0	0.0	0
27-2022	Coaches & Scouts	600	740	140	23.3	20
27-2023	Umpires, Referees, & Other Sports Officials	80	90	10	12.5	0
27-2031	Dancers	10	10	0	0.0	0

		Average	Total			
SOC	<u>-</u>	Employı	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
27-2032	Choreographers	90	100	10	11.1	10
27-2041	Music Directors & Composers	90	100	10	11.1	0
27-2042	Musicians & Singers	220	260	40	18.2	10
27-2099	Entertainers & Performers, Sports & Related Workers, All					
	Other	10	10	0	0.0	0
27-3010	Announcers	180	170	-10	-5.6	10
27-3020	News Analysts, Reporters & Correspondents	300	340	40	13.3	10
27-3031	Public Relations Specialists	470	610	140	29.8	20
27-3041	Editors	460	510	50	10.9	20
27-3042	Technical Writers	60	70	10	16.7	0
27-3043	Writers & Authors	250	270	20	8.0	0
27-3091	Interpreters & Translators	50	60	10	20.0	0
27-3099	Media & Communication Workers, All Other	60	70	10	16.7	0
27-4011	Audio & Video Equipment Technicians	60	70	10	16.7	0
27-4012	Broadcast Technicians	60	70	10	16.7	0
27-4014	Sound Engineering Technicians	10	10	0	0.0	0
27-4021	Photographers	180	200	20	11.1	0
27-4031	Camera Operators, Television, Video, & Motion Picture	30	30	0	0.0	0
27-4032	Film & Video Editors	20	20	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	30	30	0	0.0	0
29-0000	Healthcare Practitioners & Technical Occupations	14,440	17,480	3,040	21.1	550
29-1011	Chiropractors	150	160	10	6.7	0
29-1020	Dentists	240	240	0	0.0	0
29-1031	Dietitians & Nutritionists	110	130	20	18.2	0
29-1041	Optometrists	90	90	0	0.0	0
29-1051	Pharmacists	390	520	130	33.3	20
29-1061	Anesthesiologists	150	160	10	6.7	0
29-1062	Family & General Practitioners	380	400	20	5.3	10
29-1063	Internists, General	120	130	10	8.3	0
29-1064	Obstetricians & Gynecologists	80	80	0	0.0	0
29-1065	Pediatricians, General	110	120	10	9.1	0
29-1066	Psychiatrists	150	160	10	6.7	0
29-1067	Surgeons  Physicians & Surgeons All Other	290	300	10	3.4	0
29-1069	Physicians & Surgeons, All Other Physician Assistants	150	160	10	6.7	0
29-1071 29-1081	Podiatrists	100 20	130 20	30	30.0	0
29-1061	Registered Nurses	5,320	6,720	0 1,400	26.3	250
29-1111	Audiologists	10	10	0	0.0	0
29-1121	Occupational Therapists	220	280	60	27.3	10
29-1123	Physical Therapists	290	380	90	31.0	10
29-1123	Radiation Therapists	20	20	0	0.0	0
29-1125	Recreational Therapists	70	70	0	0.0	0
29-1126	Respiratory Therapists	290	390	100	34.5	20
29-1127	Speech-Language Pathologists	250	320	70	28.0	20
29-1131	Veterinarians	220	240	20	9.1	10
29-1199	Health Diagnosing & Treating Practitioners, All Othe	100	120	20	20.0	0
29-2011	Medical & Clinical Laboratory Technologists	310	360	50	16.1	20
29-2012	Medical & Clinical Laboratory Technicians	290	330	40	13.8	10
29-2021	Dental Hygienists	290	380	90	31.0	10
29-2031	Cardiovascular Technologists & Technicians	110	150	40	36.4	0
29-2032	Diagnostic Medical Sonographers	70	90	20	28.6	o o

	·	Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
29-2033	Nuclear Medicine Technologists	30	30	0	0.0	0
29-2034	Radiologic Technologists & Technicians	300	360	60	20.0	20
29-2041	Emergency Medical Technicians & Paramedics	540	630	90	16.7	20
29-2051	Dietetic Technicians	60	70	10	16.7	0
29-2052	Pharmacy Technicians	350	450	100	28.6	20
29-2053	Psychiatric Technicians	50	50	0	0.0	0
29-2054	Respiratory Therapy Technicians	50	80	30	60.0	Ö
29-2055	Surgical Technologists	140	180	40	28.6	0
29-2056	Veterinary Technologists & Technicians	110	150	40	36.4	0
29-2061	Licensed Practical & Licensed Vocational Nurses	1,460	1,650	190	13.0	50
29-2071	Medical Records & Health Information Technicians	410	560	150	36.6	30
29-2081	Opticians, Dispensing	220	220	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	80	90	10	12.5	0
29-9091	Athletic Trainers	50	60	10	20.0	0
29-9199	Health Professionals & Technicians, All Other	200	240	40	20.0	0
31-0000	Healthcare Support Occupations	7,810	9,710	1,900	24.3	290
31-1011	Home Health Aides	960	1,200	240	25.0	30
31-1012	Nursing Aides, Orderlies, & Attendants	4,290	5,250	960	22.4	160
31-1013	Psychiatric Aides	320	380	60	18.8	10
31-2011	Occupational Therapist Assistants	50	60	10	20.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	190	260	70	36.8	10
31-2022	Physical Therapist Aides	90	120	30	33.3	0
31-9011	Massage Therapists	60	70	10	16.7	0
31-9091	Dental Assistants	550	730	180	32.7	40
31-9092	Medical Assistants	500	720	220	44.0	30
31-9093	Medical Equipment Preparers	80	90	10	12.5	0
31-9094	Medical Transcriptionists	180	200	20	11.1	0
31-9095	Pharmacy Aides	90	100	10	11.1	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	220	270	50	22.7	10
31-9099	Healthcare Support Workers, All Other	220	250	30	13.6	0
33-0000	Protective Service Occupations	6,140	6,830	690	11.2	250
33-1011	First-Line Supervisors/Managers of Correctional Officers	90	90	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	330	370	40	12.1	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	140	160	20	14.3	10
33-1099	First-Line Supervisors/Managers, Protective Service	1 10	100	20	1 1.0	10
	Workers, All Other	70	80	10	14.3	0
33-2011	Fire Fighters	580	660	80	13.8	30
33-2021	Fire Inspectors & Investigators	20	20	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	Ö
33-3012	Correctional Officers & Jailers	1,720	1,820	100	5.8	50
33-3021	Detectives & Criminal Investigators	170	180	10	5.9	10
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	1,340	1,490	150	11.2	60
33-3052	Transit & Railroad Police	10	10	0	0.0	0
33-9011	Animal Control Workers	40	50	10	25.0	o O
33-9021	Private Detectives & Investigators	40	40	0	0.0	o O
33-9031	Gaming Surveillance Officers & Gaming Investigators	20	30	10	50.0	0
33-9032	Security Guards	1,040	1,220	180	17.3	40
33-9091	Crossing Guards	90	110	20	22.2	

		Average .		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
33-9099	Protective Service Workers, All Other	420	480	60	14.3	40
35-0000	Food Preparation & Serving Related Occupations	21,300	24,910	3,610	16.9	1,210
35-1011	Chefs & Head Cooks	200	220	20	10.0	10
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	1,800	2,130	330	18.3	70
35-2011	Cooks, Fast Food	1,590	1,740	150	9.4	70
35-2012	Cooks, Institution & Cafeteria	1,710	1,720	10	0.6	50
35-2014	Cooks, Restaurant	1,220	1,440	220	18.0	60
35-2015	Cooks, Short Order	630	720	90	14.3	30
35-2021	Food Preparation Workers	1,840	2,220	380	20.7	110
35-3011	Bartenders	1,160	1,320	160	13.8	70
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	4,040	5,120	1,080	26.7	290
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee	.,	0,0	.,000		
	Shop	730	850	120	16.4	60
35-3031	Waiters & Waitresses	4,050	4,790	740	18.3	280
35-3041	Food Servers, Nonrestaurant	420	460	40	9.5	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	480	540	60	12.5	30
35-9021	Dishwashers	790	880	90	11.4	40
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	520	630	110	21.2	30
35-9099	Food Preparation & Serving Related Workers, All Other	120	130	10	8.3	0
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	9,320	11,210	1,890	20.3	370
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	440	510	70	15.9	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	220	200	40	40.0	0
37-2011	Service, & Groundskeeping Workers Janitors & Cleaners, Except Maids & Housekeeping	220	260	40	18.2	0
	Cleaners	4,580	5,510	930	20.3	180
37-2012	Maids & Housekeeping Cleaners	1,850	2,210	360	19.5	80
37-2021	Pest Control Workers	100	120	20	20.0	0
37-3011	Landscaping & Groundskeeping Workers	1,980	2,430	450	22.7	90
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	100	110	10	10.0	0
37-3013	Tree Trimmers & Pruners	10	20	10	100.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	40	40	0	0.0	0
39-0000	Personal Care & Service Occupations	9,270	10,870	1,600	17.3	370
39-1011	Gaming Supervisors	40	50	10	25.0	0
39-1012	Slot Key Persons	30	30	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service	200	450	<b>CO</b>	45.4	20
00 0044	Workers	390	450	60	15.4	20
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	200	230	30	15.0	10
39-3011	Gaming Dealers	150	180	30	20.0	10
39-3012	Gaming & Sports Book Writers & Runners  Motion Picture Projectionists	20	20	0	0.0	0
39-3021	·	10 220	10 220	0	0.0 0.0	0 10
39-3031 39-3091	Ushers, Lobby Attendants, & Ticket Takers Amusement & Recreation Attendants	330	390	0 60	18.2	20
39-3091	Costume Attendants	10	10	0	0.0	0
39-3092 39-3093	Locker Room, Coatroom, & Dressing Room Attendants	50	70	20	40.0	0

	_0 000apaoa.	Average	Annual			Total
SOC	_	Employi	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
39-3199	Gaming Workers, All Other	90	110	20	22.2	0
39-4011	Embalmers	140	150	10	7.1	o l
39-4021	Funeral Attendants	40	60	20	50.0	0
39-5011	Barbers	190	190	0	0.0	10
39-5012	Hairdressers, Hairstylists, & Cosmetologists	1,390	1,470	80	5.8	40
39-5092	Manicurists & Pedicurists	80	90	10	12.5	0
39-5093	Shampooers	40	40	0	0.0	0
39-5094	Skin Care Specialists	80	80	0	0.0	0
39-6011	Baggage Porters & Bellhops	20	30	10	50.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	10	20	10	100.0	0
39-6031	Flight Attendants	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants &					
	Baggage Porters	30	30	0	0.0	0
39-9011	Child Care Workers	2,090	2,460	370	17.7	100
39-9021	Personal & Home Care Aides	2,520	3,120	600	23.8	100
39-9031	Fitness Trainers & Aerobics Instructors	390	510	120	30.8	20
39-9032	Recreation Workers	420	500	80	19.0	20
39-9041	Residential Advisors	180	220	40	22.2	0
39-9099	Personal Care & Service Workers, All Other	80	100	20	25.0	0
41-0000	Sales & Related Occupations	28,820	32,540	3,720	12.9	1,300
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,880	3,310	430	14.9	90
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	680	780	100	14.7	20
41-2011	Cashiers	7,260	8,370	1,110	15.3	460
41-2012	Gaming Change Persons & Booth Cashiers	90	110	20	22.2	0
41-2021	Counter & Rental Clerks	810	1,010	200	24.7	50
41-2022	Parts Salespersons	430	420	-10	-2.3	10
41-2031	Retail Salespersons	7,670	8,720	1,050	13.7	390
41-3011	Advertising Sales Agents	520	590	70	13.5	20
41-3021	Insurance Sales Agents	2,320	2,340	20	0.9	60
41-3031	Securities, Commodities, & Financial Services Sales	250	260	10	4.0	0
41-3041	Agents Travel Agents	250 40	260 40	10	4.0 0.0	0 0
41-4011	Sales Representatives, Wholesale & Manufacturing,	40	40	0	0.0	
41-4011	Technical & Scientific Products	370	430	60	16.2	20
41-4012	Sales Representatives, Wholesale & Manufacturing,	370	430	00	10.2	20
41-4012	Except Technical & Scientific Products	1,930	2,260	330	17.1	80
41-9011	Demonstrators & Product Promoters	140	170	30	21.4	0
41-9011	Real Estate Brokers	380	400	20	5.3	10
41-9021	Real Estate Sales Agents	1,030	1,050	20	1.9	20
41-9031	Sales Engineers	50	60	10	20.0	0
41-9041	Telemarketers	990	1,040	50	5.1	30
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &	330	1,040	30	5.1	
71 0001	Related Workers	90	100	10	11.1	0
41-9099	Sales & Related Workers, All Other	890	1,080	190	21.3	40
43-0000	Office & Administrative Support Occupations	43,190	46,010	2,820	6.5	1,270
43-1011	First-Line Supervisors/Managers of Office & Administrative	•	-	-		
	Support Workers	2,790	2,960	170	6.1	80
43-2011	Switchboard Operators, Including Answering Service	410	420	10	2.4	10
43-2021	Telephone Operators	10	10	0	0.0	0

		Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-2099	Communications Equipment Operators, All Other	20	10	-10	-50.0	0
43-3011	Bill & Account Collectors	700	920	220	31.4	30
43-3021	Billing & Posting Clerks & Machine Operators	890	940	50	5.6	30
43-3031	Bookkeeping, Accounting, & Auditing Clerks	3,880	4,080	200	5.2	90
43-3041	Gaming Cage Workers	60	<sup>′</sup> 70	10	16.7	0
43-3051	Payroll & Timekeeping Clerks	380	410	30	7.9	10
43-3061	Procurement Clerks	160	150	-10	-6.3	0
43-3071	Tellers	1,350	1,460	110	8.1	80
43-4011	Brokerage Clerks	30	20	-10	-33.3	0
43-4021	Correspondence Clerks	60	50	-10	-16.7	0
43-4031	Court, Municipal, & License Clerks	490	500	10	2.0	10
43-4041	Credit Authorizers, Checkers, & Clerks	80	70	-10	-12.5	0
43-4051	Customer Service Representatives	3,180	3,830	650	20.4	120
43-4061	Eligibility Interviewers, Government Programs	210	210	0	0.0	10
43-4071	File Clerks	430	420	-10	-2.3	10
43-4081	Hotel, Motel, & Resort Desk Clerks	330	410	80	24.2	30
43-4111	Interviewers, Except Eligibility & Loan	380	490	110	28.9	20
43-4121	Library Assistants, Clerical	340	390	50	14.7	20
43-4131	Loan Interviewers & Clerks	280	230	-50	-17.9	0
43-4141	New Accounts Clerks	220	230	10	4.5	10
43-4151	Order Clerks	580	530	-50	-8.6	10
43-4161	Human Resources Assistants, Except Payroll &					
	Timekeeping	270	300	30	11.1	10
43-4171	Receptionists & Information Clerks	1,740	2,140	400	23.0	80
43-4181	Reservation & Transportation Ticket Agents & Travel					
	Clerks	100	140	40	40.0	0
43-4999	Financial, Information, & Record Clerks, All Other	590	570	-20	-3.4	10
43-5011	Cargo & Freight Agents	270	290	20	7.4	10
43-5021	Couriers & Messengers	150	150	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	270	310	40	14.8	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	240	270	30	12.5	10
43-5041	Meter Readers, Utilities	140	140	0	0.0	10
43-5051	Postal Service Clerks	160	200	40	25.0	0
43-5052	Postal Service Mail Carriers	750	940	190	25.3	40
43-5053	Postal Service Mail Sorters, Processors, & Processing	270	400	F0	40.5	20
40 5004	Machine Operators	370	420	50	13.5	20
43-5061	Production, Planning, & Expediting Clerks	410	480	70	17.1	20 20
43-5071 43-5081	Shipping, Receiving, & Traffic Clerks Stock Clerks & Order Fillers	1,130 3,050	1,170 2,950	40 -100	3.5 -3.3	110
		3,030	2,930	-100	-3.3	110
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	100	120	20	20.0	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing	100	120	20	20.0	
43-3199	Workers, All Other	20	20	0	0.0	
43-6011	Executive Secretaries & Administrative Assistants	3,780	3,910	130	3.4	0 80
43-6011	Legal Secretaries	300	390	90	30.0	20
43-6012	Medical Secretaries	420	460	40	9.5	10
43-6013	Secretaries, Except Legal, Medical, & Executive	3,620	3,550	-70	-1.9	70
43-9014	Computer Operators	250	200	-70 -50	-20.0	10
43-9011	Data Entry Keyers	580 580	530	-50 -50	-20.0	10
43-9021	Word Processors & Typists	190	130	-50 -60	-31.6	0
43-9022	Desktop Publishers	120	160	40	33.3	0
43-9041	Insurance Claims & Policy Processing Clerks	450	450	0	0.0	10
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		Average	Annual			T. (.)
		Employr		Projected	Change	Total
SOC	Occupational Title					Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
	Service	290	280	-10	-3.4	10
43-9061	Office Clerks, General	5,600	5,980	380	6.8	160
43-9071	Office Machine Operators, Except Computer	150	150	0	0.0	0
43-9081	Proofreaders & Copy Markers	50	50	0	0.0	0
43-9111	Statistical Assistants	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office					
	Support Workers, All Other	350	330	-20	-5.7	10
45 0000	Forming Fishing & Forestry Occupations	4 000	4.450	450	45.0	40
<b>45-0000</b> 45-1011	Farming, Fishing, & Forestry Occupations First-Line Supervisors/Managers of Farming, Fishing, &	1,000	1,150	150	15.0	40
45-1011	Forestry Workers	40	50	10	25.0	0
45-2011	Agricultural Inspectors	70	70	0	0.0	0
45-2011	Graders & Sorters, Agricultural Products	70 70	80	10	14.3	0
45-2041	Agricultural Equipment Operators	180	210	30	16.7	10
45-2091	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	470	540	70	14.9	20
		90	110	20	22.2	
45-2093 45-3011	Farmworkers, Farm & Ranch Animals Fishers & Related Fishing Workers	10	10		0.0	0
45-3011 45-9099	Farming, Fishing, & Forestry Workers, All Other	70	80	0 10	14.3	0 0
40-9099	ranning, Fishing, & Forestry Workers, All Other	70	80	10	14.3	
47-0000	Construction & Extraction Occupations	12,830	15,160	2,330	18.2	470
47-1011	First-Line Supervisors/Managers of Construction Trades &					
	Extraction Workers	1,520	1,790	270	17.8	60
47-2011	Boilermakers	30	30	0	0.0	0
47-2021	Brickmasons & Blockmasons	120	140	20	16.7	0
47-2022	Stonemasons	50	50	0	0.0	0
47-2031	Carpenters	1,860	2,210	350	18.8	70
47-2041	Carpet Installers	140	160	20	14.3	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	30	40	10	33.3	0
47-2044	Tile & Marble Setters	90	120	30	33.3	0
47-2051	Cement Masons & Concrete Finishers	390	520	130	33.3	20
47-2061	Construction Laborers	1,750	2,110	360	20.6	60
47-2071	Paving, Surfacing, & Tamping Equipment Operators	190	220	30	15.8	0
47-2073	Operating Engineers & Other Construction Equipment					
	Operators	1,640	1,800	160	9.8	60
47-2081	Drywall & Ceiling Tile Installers	100	120	20	20.0	0
47-2082	Tapers	40	40	0	0.0	0
47-2111	Electricians	840	1,030	190	22.6	40
47-2121	Glaziers	80	90	10	12.5	0
47-2130	Insulation Workers	110	130	20	18.2	0
47-2141	Painters, Construction & Maintenance	580	670	90	15.5	20
47-2142	Paperhangers	20	20	0	0.0	0
47-2151	Pipelayers	110	130	20	18.2	0
47-2152	Plumbers, Pipefitters, & Steamfitters	760	900	140	18.4	30
47-2161	Plasterers & Stucco Masons	70	80	10	14.3	0
47-2171	Reinforcing Iron & Rebar Workers	40	50	10	25.0	0
47-2181	Roofers	290	350	60	20.7	20
47-2211	Sheet Metal Workers	340	410	70	20.6	20
47-2221	Structural Iron & Steel Workers	60	80	20	33.3	0
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &					
	Tile & Marble Setters	140	150	10	7.1	10
47-3012	HelpersCarpenters	250	300	50	20.0	20

		Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
47-3013	HelpersElectricians	120	140	20	16.7	10
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco	.20		20		
	Masons	50	60	10	20.0	0
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	140	160	20	14.3	10
47-3016	HelpersRoofers	50	60	10	20.0	0
47-3019	Helpers, Construction Trades, All Other	40	50	10	25.0	0
47-4011	Construction & Building Inspectors	90	110	20	22.2	0
47-4021	Elevator Installers & Repairers	20 20	20 30	0	0.0	0
47-4031 47-4041	Fence Erectors Hazardous Materials Removal Workers	50 50	70	10 20	50.0 40.0	0
47-4041 47-4051	Highway Maintenance Workers	290	340	50	40.0 17.2	0
47-4051	Rail-Track Laying & Maintenance Equipment Operators	100	120	20	20.0	0
47-4001	Septic Tank Servicers & Sewer Pipe Cleaners	30	30	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	50	60	10	20.0	ő
47-5012	Rotary Drill Operators, Oil & Gas	10	10	0	0.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	10	10	0	0.0	0
47-5021	Earth Drillers, Except Oil & Gas	20	20	0	0.0	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	20	30	10	50.0	0
47-5081	HelpersExtraction Workers	40	50	10	25.0	0
47-5099	Extraction Workers, All Other	10	10	0	0.0	0
49-0000	Installation, Maintenance, & Repair Occupations	10,570	12,110	1,540	14.6	370
		-,	,	.,0.10	17.0	370
49-1011	First-Line Supervisors/Managers of Mechanics, Installers,	7-	,	1,040	14.0	370
49-1011	& Repairers	1,030	1,190	160	15.5	50
49-2011	& Repairers Computer, Automated Teller, & Office Machine Repairers	1,030 300	1,190 320		15.5 6.7	
49-2011 49-2021	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics	1,030	1,190	160	15.5	50
49-2011	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers,	1,030 300 10	1,190 320 10	160 20 0	15.5 6.7 0.0	50 0 0
49-2011 49-2021 49-2022	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers	1,030 300 10	1,190 320 10	160 20 0	15.5 6.7 0.0 -5.6	50 0 0
49-2011 49-2021 49-2022 49-2091	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians	1,030 300 10 180 80	1,190 320 10 170 80	160 20 0 -10 0	15.5 6.7 0.0 -5.6 0.0	50 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers	1,030 300 10	1,190 320 10	160 20 0	15.5 6.7 0.0 -5.6	50 0 0
49-2011 49-2021 49-2022 49-2091	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers,	1,030 300 10 180 80 60	1,190 320 10 170 80 60	160 20 0 -10 0	15.5 6.7 0.0 -5.6 0.0 0.0	50 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment	1,030 300 10 180 80	1,190 320 10 170 80	160 20 0 -10 0	15.5 6.7 0.0 -5.6 0.0	50 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial	1,030 300 10 180 80 60	1,190 320 10 170 80 60	160 20 0 -10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0	50 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment	1,030 300 10 180 80 60	1,190 320 10 170 80 60	160 20 0 -10 0	15.5 6.7 0.0 -5.6 0.0 0.0	50 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse,	1,030 300 10 180 80 60 80	1,190 320 10 170 80 60 90	160 20 0 -10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5	50 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094 49-2095	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	1,030 300 10 180 80 60	1,190 320 10 170 80 60	160 20 0 -10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0	50 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor	1,030 300 10 180 80 60 80 70	1,190 320 10 170 80 60 90 80	160 20 0 -10 0 10 10	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3	50 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles	1,030 300 10 180 80 60 80	1,190 320 10 170 80 60 90	160 20 0 -10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5	50 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094 49-2095	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers &	1,030 300 10 180 80 60 80 70 60	1,190 320 10 170 80 60 90 80 70	160 20 0 -10 0 10 10	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0	50 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096 49-2097	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers	1,030 300 10 180 80 60 80 70	1,190 320 10 170 80 60 90 80	160 20 0 -10 0 10 10	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0	50 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers &	1,030 300 10 180 80 60 80 70 60 10	1,190 320 10 170 80 60 90 80 70 10	160 20 0 -10 0 10 10	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0	50 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094 49-2095 49-2096 49-2097	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers	1,030 300 10 180 80 60 80 70 60 10 120 30	1,190 320 10 170 80 60 90 80 70 10 120 40	160 20 0 -10 0 10 10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 0.0 33.3	50 0 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094 49-2095 49-2096 49-2097 49-2098 49-3011	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers Aircraft Mechanics & Service Technicians	1,030 300 10 180 80 60 80 70 60 10 120 30 130	1,190 320 10 170 80 60 90 80 70 10 120 40 130	160 20 0 -10 0 10 10 0 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 0.0 33.3 0.0	50 0 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096 49-2097 49-2098 49-3011 49-3021	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers Aircraft Mechanics & Service Technicians Automotive Body & Related Repairer	1,030 300 10 180 80 60 80 70 60 10 120 30 130 420	1,190 320 10 170 80 60 90 80 70 10 120 40 130 480	160 20 0 -10 0 0 10 10 0 0 0 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 0.0 33.3 0.0 14.3	50 0 0 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096 49-2097 49-2098 49-3011 49-3021 49-3022	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers Aircraft Mechanics & Service Technicians Automotive Body & Related Repairer Automotive Glass Installers & Repairers	1,030 300 10 180 80 60 80 70 60 10 120 30 130 420 30	1,190 320 10 170 80 60 90 80 70 10 120 40 130 480 30	160 20 0 -10 0 10 10 0 0 10 0 60 0	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 33.3 0.0 14.3 0.0	50 0 0 0 0 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2093 49-2094 49-2095 49-2096 49-2097 49-2098 49-3011 49-3021 49-3022 49-3023	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers Aircraft Mechanics & Service Technicians Automotive Body & Related Repairer Automotive Glass Installers & Repairers Automotive Service Technicians & Mechanics Bus & Truck Mechanics & Diesel Engine Specialists Farm Equipment Mechanics	1,030 300 10 180 80 60 80 70 60 10 120 30 130 420 30 1,420	1,190 320 10 170 80 60 90 80 70 10 120 40 130 480 30 1,610	160 20 0 -10 0 10 10 0 0 10 0 60 0 190	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 33.3 0.0 14.3 0.0 13.4	50 0 0 0 0 0 0 0 0 0 0 0 0 0
49-2011 49-2021 49-2022 49-2091 49-2092 49-2093 49-2094 49-2095 49-2096 49-2097 49-2098 49-3011 49-3021 49-3022 49-3023 49-3031	& Repairers Computer, Automated Teller, & Office Machine Repairers Radio Mechanics Telecommunications Equipment Installers & Repairers, Except Line Installers Avionics Technicians Electric Motor, Power Tool, & Related Repairers Electrical & Electronics Installers & Repairers, Transportation Equipment Electrical & Electronics Repairers, Commercial & Industrial Equipment Electrical & Electronics Repairers, Powerhouse, Substation, & Relay Electronic Equipment Installers & Repairers, Motor Vehicles Electronic Home Entertainment Equipment Installers & Repairers Security & Fire Alarm Systems Installers Aircraft Mechanics & Service Technicians Automotive Body & Related Repairer Automotive Glass Installers & Repairers Automotive Service Technicians & Mechanics Bus & Truck Mechanics & Diesel Engine Specialists	1,030 300 10 180 80 60 80 70 60 10 120 30 130 420 30 1,420 660	1,190 320 10 170 80 60 90 80 70 10 120 40 130 480 30 1,610 770	160 20 0 -10 0 10 10 0 0 10 0 60 0 190 110	15.5 6.7 0.0 -5.6 0.0 0.0 12.5 14.3 16.7 0.0 33.3 0.0 14.3 0.0 13.4 16.7	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

		Average Annual				Total
SOC	_	Employi	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-3051	Motorboat Mechanics	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	30	40	10	33.3	0
49-3053	Outdoor Power Equipment & Other Small Engine					
	Mechanics	50	50	0	0.0	0
49-3091	Bicycle Repairers	20	30	10	50.0	0
49-3092	Recreational Vehicle Service Technicians	10	20	10	100.0	0
49-3093 49-3099	Tire Repairers & Changers Vehicle & Mobile Equipment Mechanics, Installers, &	450	490	40	8.9	20
43-3033	Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	30	30	0	0.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical					
	Door	50	60	10	20.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &					
	Installers	430	550	120	27.9	20
49-9031	Home Appliance Repairers	100	100	0	0.0	0
49-9041	Industrial Machinery Mechanics	360	410	50	13.9	20
49-9042 49-9043	Maintenance & Repair Workers, General Maintenance Workers, Machinery	2,380 140	2,800 160	420 20	17.6 14.3	90 0
49-9043	Millwrights	70	80	10	14.3	0
49-9051	Electrical Power-Line Installers & Repairers	430	500	70	16.3	20
49-9052	Telecommunications Line Installers & Repairers	130	130	0	0.0	0
49-9062	Medical Equipment Repairers	20	20	0	0.0	0
49-9063	Musical Instrument Repairers & Tuners	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	30	30	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers &					
	Repairers	90	110	20	22.2	0
49-9094	Locksmiths & Safe Repairers	20	30	10	50.0	0
49-9095 49-9096	Manufactured Building & Mobile Home Installers	40	50	10 10	25.0	0
49-9096	Riggers Signal & Track Switch Repairers	30 40	40 50	10	33.3 25.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	190	230	40	21.1	10
49-9099	Installation, Maintenance, & Repair Workers, All Other	170	200	30	17.6	0
	· ·					
<b>51-0000</b> 51-1011	Production Occupations First-Line Supervisors/Managers of Production &	16,000	17,130	1,130	7.1	430
31-1011	Operating Workers	1,250	1,410	160	12.8	50
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems	1,200	1,410	100	12.0	
00	Assemblers	10	10	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	10	10	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	290	260	-30	-10.3	10
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	100	100	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	140	140	0	0.0	0
51-2091	Fiberglass Laminators & Fabricators	50	50	0	0.0	0
51-2092 51-2099	Team Assemblers Assemblers & Fabricators, All Other	2,180 210	2,140 200	-40 -10	-1.8 -4.8	60 10
51-2099	Bakers	190	220	30	15.8	0
51-3011	Butchers & Meat Cutters	210	210	0	0.0	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	210	220	10	4.8	10
51-3023	Slaughterers & Meat Packers	180	190	10	5.6	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine					
	Operators & Tenders	30	40	10	33.3	0

	·	Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC	— — — — — — — — — — — — — — — — — — —					Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	100	110	10	10.0	0
51-3099	Food Processing Workers, All Other	30	40	10	33.3	0
51-4011	Computer-Controlled Machine Tool Operators, Metal &					
	Plastic	230	260	30	13.0	0
51-4012	Numerical Tool & Process Control Programmers	20	30	10	50.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &					
	Tenders, Metal & Plastic	100	90	-10	-10.0	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &					
	Plastic	50	50	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &					
	Plastic	30	30	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &					
	Tenders, Metal & Plastic	250	270	20	8.0	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, &					
	Tenders, Metal & Plastic	40	40	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool					
	Setters, Operators, & Tenders, Metal & Plastic	80	90	10	12.5	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, &					
	Tenders, Metal & Plastic	70	70	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,					
	Metal & Plastic	40	40	0	0.0	0
51-4041	Machinists	420	460	40	9.5	10
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	80	80	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters,					
	Operators, & Tenders, Metal & Plastic	140	140	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,					
	Metal & Plastic	60	70	10	16.7	0
51-4111	Tool & Die Makers	60	70	10	16.7	0
51-4121	Welders, Cutters, Solderers, & Brazers	750	880	130	17.3	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	40	40	0	0.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,					
	Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,					
	Metal & Plastic	10	20	10	100.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	20	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	40	40	0	0.0	0
51-5011	Bindery Workers	140	130	-10	-7.1	0
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	120	130	10	8.3	0
51-5022	Prepress Technicians & Workers	230	210	-20	-8.7	10
51-5023	Printing Machine Operators	410	440	30	7.3	10
51-5099	Printing Workers, All Other	40	50	10	25.0	0
51-6011	Laundry & Dry-Cleaning Workers	450	530	80	17.8	20
51-6021	Pressers, Textile, Garment, & Related Materials	90	110	20	22.2	0
51-6031	Sewing Machine Operators	190	210	20	10.5	0

		Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC	_					Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	10	10	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	50	50	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,					
	Operators, & Tenders	60	70	10	16.7	0
51-6091	Extruding & Forming Machine Setters, Operators, &					
<b>-</b> 4 0000	Tenders, Synthetic & Glass Fibers	20	20	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	10	10	0	0.0	0
51-6093	Upholsterers	50	50	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	40	50	10	25.0	0
51-7011	Cabinetmakers & Bench Carpenters Furniture Finishers	220	230	10	4.5	10
51-7021 51-7032		70 10	80 10	10	14.3 0.0	0
51-7032	Patternmakers, Wood Sawing Machine Setters, Operators, & Tenders, Wood	70	70	0	0.0	0
51-7041	Woodworking Machine Setters, Operators, & Tenders,	70	70	U	0.0	0
31-7042	Except Sawing	150	150	0	0.0	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	130	150	20	15.4	o o
51-8021	Stationary Engineers & Boiler Operators	70	80	10	14.3	0
51-8031	Water & Liquid Waste Treatment Plant & System					
	Operators	210	240	30	14.3	10
51-8091	Chemical Plant & System Operators	110	120	10	9.1	0
51-8092	Gas Plant Operators	10	20	10	100.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, &					
	Gaugers	20	20	0	0.0	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	60	60	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still					
	Machine Setters, Operators, & Tenders	50	60	10	20.0	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,					_
	Operators, & Tenders	90	90	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	110	110	0	0.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	290	300	10	3.4	10
51-9031	Cutters & Trimmers, Hand	30 170	40	10	33.3	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	170	200	30	17.6	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	230	230	0	0.0	10
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	120	120	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	660	730	70	10.6	30
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0	0.0	0
51-9081	Dental Laboratory Technicians	160	170	10	6.3	0
51-9082	Medical Appliance Technicians	10	20	10	100.0	0
51-9083	Ophthalmic Laboratory Technicians	60	60	0	0.0	o o
51-9111	Packaging & Filling Machine Operators & Tenders	600	700	100	16.7	20
51-9121	Coating, Painting, & Spraying Machine Setters, Operators,					
-: <b>-:-</b>	& Tenders	160	180	20	12.5	0
51-9122	Painters, Transportation Equipment	60	70	10	16.7	0
51-9123	Painting, Coating, & Decorating Workers	40	50	10	25.0	0
51-9131	Photographic Process Workers	50	50	0	0.0	0
51-9132	Photographic Processing Machine Operators	110	130	20	18.2	0

Average Annual						
		Employr		Drojected	Change	Total
SOC	-			Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-9191	Cementing & Gluing Machine Operators & Tenders	60	60	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators					
	& Tenders	20	20	0	0.0	0
51-9194	Etchers & Engravers	20	20	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	20	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	170	190	20	11.8	0
51-9197	Tire Builders	350	370	20	5.7	10
51-9198	HelpersProduction Workers	730	760	30	4.1	20
51-9199	Production Workers, All Other	440	480	40	9.1	10
53-0000	Transportation & Material Moving Occupations	17,270	19,170	1,900	11.0	540
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, &					
	Material Movers, Hand	340	380	40	11.8	10
53-1031	First-Line Supervisors/Managers of Transportation &					
	Material-Moving Machine & Vehicle Operators	470	510	40	8.5	10
53-2011	Airline Pilots, Copilots, & Flight Engineers					
	A. T. (1)	400				
	Air Traffic Controllers	130	110	-20	-15.4	0
53-2099	Air Transportation Workers, All Other	10	10	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency	00	00	40	50.0	
50.0004	Medical Technicians	20	30	10	50.0	0
53-3021	Bus Drivers, Transit & Intercity	140	170	30	21.4	0
53-3022	Bus Drivers, School	1,310	1,510	200	15.3	50
53-3031	Driver/Sales Workers	1,020	1,080	60	5.9	30
53-3032	Truck Drivers, Heavy & Tractor-Trailer	3,250	3,770	520	16.0	100
53-3033 53-3041	Truck Drivers, Light or Delivery Services Taxi Drivers & Chauffeurs	1,530 340	1,780 410	250 70	16.3 20.6	40 10
53-3041	Motor Vehicle Operators, All Other	80	90	10	12.5	0
53-4011	Locomotive Engineers	280	350	70	25.0	20
53-4011	Locomotive Engineers  Locomotive Firers	10	10	0	0.0	0
53-4012	Railroad Brake, Signal, & Switch Operators	210	210	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	240	300	60	25.0	20
53-4099	Rail Transportation Workers, All Other	20	30	10	50.0	0
53-6021	Parking Lot Attendants	20	20	0	0.0	0
53-6031	Service Station Attendants	240	270	30	12.5	10
53-6041	Traffic Technicians	20	30	10	50.0	0
53-6051	Transportation Inspectors	60	70	10	16.7	0
53-6099	Transportation Workers, All Other	20	20	0	0.0	0
53-7011	Conveyor Operators & Tenders	130	140	10	7.7	0
53-7021	Crane & Tower Operators	70	80	10	14.3	0
53-7031	Dredge Operators	10	10	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	80	100	20	25.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	1,210	1,350	140	11.6	30
53-7061	Cleaners of Vehicles & Equipment	570	630	60	10.5	30
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	3,190	3,200	10	0.3	100
53-7063	Machine Feeders & Offbearers	260	260	0	0.0	10
53-7064	Packers & Packagers, Hand	1,610	1,800	190	11.8	50
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	10	10	0	0.0	0

SOC		Average Employi	4	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-7081	Refuse & Recyclable Material Collectors	210	250	40	19.0	10
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	
53-7199	Material Moving Workers, All Other	60	70	10	16.7	0 0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

### **North Central Region**

### North Central Kansas Region Occupational Trends

In 2002, total occupational employment was 128,260 and is projected to reach 143,860 in 2012, or 12.2 percent growth over the period. The largest major occupational group for the North Central region in 2002 was the **Management** occupational group with an employment level of 19,180. The same occupational group is projected to be the largest in the year 2012, employing 19,350. The **Office and Administrative Support** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education**, **Training and Library** occupational group is expected to have the largest numerical job growth,1,830, followed by the **Food Preparation and Serving Related** occupational group, with 1,580. Two occupational groups, **Healthcare Support** and **Education**, **Training and Library**, will experience the greatest percent change, 25.6 and 24.0 percent respectively.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 580, followed by the **Food Preparation and Serving Related** occupational group with 530 annual openings. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 240, followed by **retail salespersons** with 150 annual openings.

		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	Total, All North Central Occupations	128,260	143,860	<u>15,600</u>	<u>12.2</u>	3,970
11-0000	Management Occupations	19,180	19,350	170	0.9	110
11-1011	Chief Executives	430	500	70	16.3	20
11-1021	General & Operations Managers	1,430	1,620	190	13.3	50
11-1031	Legislators	100	110	10	10.0	0
11-2011	Advertising & Promotions Managers	30	40	10	33.3	0
11-2021	Marketing Managers	80	90	10	12.5	0
11-2022	Sales Managers	240	300	60	25.0	0
11-2031	Public Relations Managers	30	30	0	0.0	0
11-3011	Administrative Services Managers	170	190	20	11.8	0
11-3021	Computer & Information Systems Managers	130	160	30	23.1	0
11-3031	Financial Managers	350	400	50	14.3	20
11-3040	Human Resources Managers	100	110	10	10.0	0
11-3051	Industrial Production Managers	180	200	20	11.1	0
11-3061	Purchasing Managers	60	60	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	70	90	20	28.6	0
11-9011	Farm, Ranch, & Other Agricultural Managers	180	210	30	16.7	0
11-9012	Farmers & Ranchers	13,820	13,170	-650	-4.7	10
11-9021	Construction Managers	180	210	30	16.7	0
11-9031	Education Administrators, Preschool & Child Care	00	40	40	00.0	
44 0000	Center/Program	30	40	10	33.3	0
11-9032	Education Administrators, Elementary & Secondary School	250	310	60	24.0	20
11-9033	Education Administrators, Postsecondary	70	80	10	14.3	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041 11-9051	Engineering Managers	110 220	120 260	10 40	9.1 18.2	0
11-9051	Food Service Managers Funeral Directors	90	100	10	11.1	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9001	Medical & Health Services Managers	240	310	70	29.2	20
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	50	60	10	20.0	ő
11-9141	Property, Real Estate, & Community Association Managers	60	70	10	16.7	0
11-9151	Social & Community Service Managers	70	80	10	14.3	Ö
11-9199	Managers, All Other	370	390	20	5.4	10
	•					
13-0000	Business & Financial Operations Occupations	3,220	3,790	570	17.7	100
13-1021	Purchasing Agents & Buyers, Farm Products	30	40	10	33.3	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	120	130	10	8.3	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm	000	0.40	40	00.0	40
40.4004	Products Claima Adjustora Evaminara & Investigatora	200	240	40	20.0	10
13-1031	Claims Adjusters, Examiners, & Investigators	80	90	10	12.5	0
13-1041	Compliance Officers, Except Agriculture, Construction,	160	160	0	0.0	0
12 1051	Health & Safety, & Transportation Cost Estimators	160 180	160 220	0	0.0 22.2	0
13-1051 13-1061	Emergency Management Specialists	100	10	40 0	0.0	0
13-1061	Employment, Recruitment, & Placement Specialists	70	80	10	14.3	0
13-1071	Compensation, Benefits, & Job Analysis Specialists	70 50	60	10	20.0	0
13-1072	Training & Development Specialists	110	140	30	27.3	0
13-1073	Management Analysts	230	260	30	13.0	0
13-1111	Meeting & Convention Planners	30	40	10	33.3	0
13-1199	Business Operations Specialists, All Other	440	530	90	20.5	
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	•	Average Annual				
SOC		Employi	ment <sup>1</sup>	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
13-2011	Accountants & Auditors	760	930	170	22.4	30
13-2021	Appraisers & Assessors of Real Estate	70	80	10	14.3	0
13-2031	Budget Analysts	20	20	0	0.0	0
13-2041	Credit Analysts	40	40	0	0.0	0
13-2051	Financial Analysts	90	100	10	11.1	0
13-2052	Personal Financial Advisors	60	70	10	16.7	0
13-2053	Insurance Underwriters	30	40	10	33.3	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2071	Loan Counselors	10	10	0	0.0	0
13-2072	Loan Officers	290	320	30	10.3	10
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	60	80	20	33.3	0
13-2099	Financial Specialists, All Other	40	50	10	25.0	0
15-0000	Computer & Mathematical Occupations	1,360	1,620	260	19.1	40
15-1021	Computer Programmers	210	210	0	0.0	10
15-1031	Computer Software Engineers, Applications	140	160	20	14.3	0
15-1032	Computer Software Engineers, Systems Software	60	70	10	16.7	0
15-1041	Computer Support Specialists	290	350	60	20.7	10
15-1051	Computer Systems Analysts	250	300	50	20.0	10
15-1061	Database Administrators	40	60	20	50.0	0
15-1071	Network & Computer Systems Administrators	180	240	60	33.3	10
15-1081	Network Systems & Data Communications Analysts	90	120	30	33.3	0
15-1099	Computer Specialists, All Other	40	50	10	25.0	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	50	50	0	0.0	0
17-0000	Architecture & Engineering Occupations	1,360	1,570	210	15.4	30
17-1011	Architects, Except Landscape & Naval	40	60	20	50.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	20	30	10	50.0	0
17-1022	Surveyors	20	30	10	50.0	0
17-2011	Aerospace Engineers	50	60	10	20.0	0
17-2041	Chemical Engineers	20	30	10	50.0	0
17-2051	Civil Engineers	100	120	20	20.0	0
17-2061	Computer Hardware Engineers	10	20	10	100.0	0
17-2071	Electrical Engineers	90	100	10	11.1	0
17-2072	Electronics Engineers, Except Computer	90	90	0	0.0	0
17-2081	Environmental Engineers  Health & Safety Engineers Except Mining Safety	20	20	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	10	10	0	0.0	
17-2112	Industrial Engineers	10 90	10 110	0 20	0.0 22.2	0
17-2112	Materials Engineers	10	10	0	0.0	0 0
17-2131 17-2141	Mechanical Engineers	190	210	20	10.5	10
17-2141	Engineers, All Other	70	80	10	14.3	0
17-2199	Architectural & Civil Drafters	70 50	60	10	20.0	0
17-3011	Electrical & Electronics Drafters	20	20	0	0.0	0
17-3012	Mechanical Drafters	90	90	0	0.0	0
17-3013	Aerospace Engineering & Operations Technicians	10	10	0	0.0	0
17-3021	Civil Engineering Technicians	130	140	10	7.7	0
17-3023	Electrical & Electronic Engineering Technicians	70	80	10	14.3	0
17-3024	Electro-Mechanical Technicians	10	10	0	0.0	o l
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	2012 Goodpational		امیرما			I II
		Average Annual  Employment <sup>1</sup> Projected Change				Total
SOC	<del>-</del>	Employi	ment	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	30	40	10	33.3	0
17-3031	Surveying & Mapping Technicians	30	40	10	33.3	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	40	50	10	25.0	0
19-0000	Life, Physical, & Social Science Occupations	550	650	100	18.2	10
19-1010	Agricultural & Food Scientists	20	30	10	50.0	0
19-1022	Microbiologists	10	10	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	10	20	10	100.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	40 50	40 50	0	0.0	0
19-2041 19-2042	Environmental Scientists & Specialists, Including Health Geoscientists, Except Hydrologists & Geographers	50 10	10	0	0.0 0.0	0
19-2042	Physical Scientists, All Other	10	10	0	0.0	0
19-2099	Market Research Analysts	80	90	10	12.5	0
19-3022	Survey Researchers	20	20	0	0.0	ő
19-3031	Clinical, Counseling, & School Psychologists	120	150	30	25.0	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	10	10	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	40	50	10	25.0	0
19-4091	Environmental Science & Protection Technicians, Including					
	Health	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	30	40	10	33.3	0
21-0000	Community & Social Services Occupations	2,180	2,580	400	18.3	60
21-1011	Substance Abuse & Behavioral Disorder Counselors	30	30	0	0.0	0
21-1012	Educational, Vocational, & School Counselors	190	220	30	15.8	0
21-1013	Marriage & Family Therapists	30	30	0	0.0	0
21-1014	Mental Health Counselors	50	60	10	20.0	0
21-1015	Rehabilitation Counselors	110	130	20	18.2	0
21-1021 21-1022	Child, Family, & School Social Workers  Medical & Public Health Social Workers	160 100	190 130	30 30	18.8 30.0	0
21-1022	Mental Health & Substance Abuse Social Workers	120	140	20	16.7	0
21-1023	Health Educators	20	20	0	0.0	0
21-1091	Probation Officers & Correctional Treatment Specialists	80	90	10	12.5	0
21-1093	Social & Human Service Assistants	400	500	100	25.0	20
21-2011	Clergy	590	660	70	11.9	20
21-2021	Directors, Religious Activities & Education	140	170	30	21.4	0
21-9099	Counselors, Social, & Religious Workers, All Other	160	210	50	31.3	10
23-0000	Legal Occupations	570	670	100	17.5	10
23-1011	Lawyers	280	330	50	17.9	10
23-1021	Administrative Law Judges, Adjudicators, & Hearing					
	Officers	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	40	40	0	0.0	0
23-2011	Paralegals & Legal Assistants	100	150	50	50.0	10
23-2091	Court Reporters	20	20	0	0.0	0

	2012 0000 pational		Δηημαί			
		Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
SOC	<del>-</del>			•		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
23-2092	Law Clerks	20	20	0	0.0	О
23-2093	Title Examiners, Abstractors, & Searchers	30	30	0	0.0	0
23-9099	Legal & Related Workers, All Other	70	70	0	0.0	0
25-0000	Education, Training, & Library Occupations	7,640	9,470	1,830	24.0	320
25-1011	Business Teachers, Postsecondary	7, <b>040</b> 50	<b>9,470</b> 70	20	40.0	0
25-1011	Computer Science Teachers, Postsecondary	40	50	10	25.0	0
25-1021	Mathematical Science Teachers, Postsecondary	40	60	20	50.0	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1031	Engineering Teachers, Postsecondary	30	40	10	33.3	0
25-1041	Agricultural Sciences Teachers, Postsecondary	20	30	10	50.0	0
25-1042	Biological Science Teachers, Postsecondary	40	50	10	25.0	0
25-1052	Chemistry Teachers, Postsecondary	10	20	10	100.0	0
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	30	30	0	0.0	0
25-1067	Sociology Teachers, Postsecondary	10	20	10	100.0	0
25-1071	Health Specialties Teachers, Postsecondar	40	50	10	25.0	Ö
25-1072	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1081	Education Teachers, Postsecondary	30	40	10	33.3	0
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0	o l
25-1111	Criminal Justice & Law Enforcement Teachers,					
	Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	70	90	20	28.6	0
25-1122	Communications Teachers, Postsecondary	20	30	10	50.0	0
25-1123	English Language & Literature Teachers, Postsecondary	50	70	20	40.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	30	40	10	33.3	0
25-1125	History Teachers, Postsecondary	20	30	10	50.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	10	20	10	100.0	0
25-1191	Graduate Teaching Assistants	20	20	0	0.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	20	20	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	70	90	20	28.6	0
25-1199	Postsecondary Teachers, All Other	130	160	30	23.1	0
25-2011	Preschool Teachers, Except Special Education	160	190	30	18.8	0
25-2012	Kindergarten Teachers, Except Special Education	170	220	50	29.4	10
25-2021	Elementary School Teachers, Except Special Education	1,830	2,170	340	18.6	70
25-2022	Middle School Teachers, Except Special & Vocational					
	Education	860	960	100	11.6	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	1,260	1,530	270	21.4	70
25-2032	Vocational Education Teachers, Secondary School	190	210	20	10.5	10
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
	Elementary School	260	350	90	34.6	20
25-2042	Special Education Teachers, Middle School	120	160	40	33.3	0
25-2043	Special Education Teachers, Secondary School	180	250	70	38.9	10
25-3011	Adult Literacy, Remedial Education, & GED Teachers &				_	
	Instructors	60	70	10	16.7	0
25-3021	Self-Enrichment Education Teachers	110	140	30	27.3	0

	·	Average		Droinatad	Change	Total
SOC	_	Employ		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-3999	Teachers, Primary, Secondary, & Adult, All Other	630	910	280	44.4	40
25-4010	Archivists, Curators, & Museum Technicians	40	40	0	0.0	0
25-4021	Librarians	160	180	20	12.5	0
25-4031	Library Technicians	110	140	30	27.3	0
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	90	120	30	33.3	0
25-9041	Teacher Assistants	480	600	120	25.0	20
25-9199	Library, Museum, Training, & Other Education Workers, All					
	Other	10	10	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	1,410	1,580	170	12.1	20
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	20	20	0	0.0	0
27-1021	Commercial & Industrial Designers	20	20	0	0.0	0
27-1023	Floral Designers	120	140	20	16.7	0
27-1024	Graphic Designers	90	110	20	22.2	0
27-1025	Interior Designers	30	30	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	40	50	10	25.0	0
27-1099	Art & Design Workers, All Other	40	40	0	0.0	0
27-2011	Actors	10	10	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	230	280	50	21.7	10
27-2023	Umpires, Referees, & Other Sports Officials	40	40	0	0.0	0
27-2031	Dancers	10	10	0	0.0	0
27-2032	Choreographers	30	40	10	33.3	0
27-2041	Music Directors & Composers	50	50	0	0.0	0
27-2042	Musicians & Singers	120	140	20	16.7	0
27-3010	Announcers	50	40	-10	-20.0	0
27-3020	News Analysts, Reporters & Correspondents	50	50	0	0.0	0
27-3031	Public Relations Specialists	120	150	30	25.0	0
27-3041	Editors	70	80	10	14.3	0
27-3042	Technical Writers	20	20	0	0.0	0
27-3043	Writers & Authors	60	60	0	0.0	0
27-3091	Interpreters & Translators	20	20	0	0.0	0
27-3099	Media & Communication Workers, All Other	20	20	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	20	20	0	0.0	0
27-4021	Photographers	60	60	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4032	Film & Video Editors	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
29-0000	Healthcare Practitioners & Technical Occupations	6,320	7,740	1,420	22.5	210
29-1011	Chiropractors	50	50	0	0.0	0
29-1020	Dentists	100	100	0	0.0	0
29-1031	Dietitians & Nutritionists	40	40	0	0.0	0
29-1041	Optometrists	30	30	0	0.0	0
29-1051	Pharmacists	160	220	60	37.5	10
29-1061	Anesthesiologists	70	70	0	0.0	0
29-1062	Family & General Practitioners	170	180	10	5.9	0
29-1063	Internists, General	60	70	10	16.7	0

Note		2012 0004pational		امديما			
Solition   Code   Cocupational Title   Cocupational Therapists   Cocupational Ther						01	Total
29-1064   Obstetricians & Gynecologists   40   40   0   0   0   0   0   0   0	SOC		Employi	ment'	Projected	Change	Annual
29-1065         Pegilatricians, General         50         60         10         20.0         0           29-1067         Syrpolatrists         70         70         0         0.0         0           29-1068         Psychlatrists         140         160         20         14.3         0           29-1069         Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1071         Physician Assistants         50         70         20         40.0         0           29-1089         Podatrists         10         110         0         0.0         0           29-1121         Physical Therapists         80         100         20         25.0         0           29-1128         Recreational Therapists         10         10         0         0         0           29-1121         Recreational Therapists         10         10         0         0         0           29-1121         Recreational Therapists         10         130         30         30         0         0           29-1121         Recreational Therapists         10         130         30         30         0         0	Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
29-1065         Pegilatricians, General         50         60         10         20.0         0           29-1067         Syrpolatrists         70         70         0         0.0         0           29-1068         Psychlatrists         140         160         20         14.3         0           29-1069         Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1071         Physician Assistants         50         70         20         40.0         0           29-1089         Podatrists         10         110         0         0.0         0           29-1121         Physical Therapists         80         100         20         25.0         0           29-1128         Recreational Therapists         10         10         0         0         0           29-1121         Recreational Therapists         10         10         0         0         0           29-1121         Recreational Therapists         10         130         30         30         0         0           29-1121         Recreational Therapists         10         130         30         30         0         0	20-106/	Obstatricians & Gynecologists	40	40	0	0.0	0
29-1066 Psychiatrists         70         70         0         0.0         0           29-1069 Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1079 Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1011 Podiatrists         50         70         20         40.0         0           29-1112 Podiatrists         10         10         0         0.0         0           29-1112 Coccupational Therapists         80         100         25.0         0           29-1123 Physical Therapists         100         130         30         30.0         0           29-1124 Recreational Therapists         30         30         30         0         0.0         0           29-1127 Speach-Language Pathologists         100         130         30         30         0         0.0         0           29-1121 Recreational Therapists         100         130         30         30         0         0.0         0           29-1125 Recreational Therapists         100         130         30         30         0         0.0         0           29-1126 Recreational Therapists         10		· · · · · · · · · · · · · · · · · · ·					
29-1067         Surgeons         140         160         20         14.3         0           29-1089         Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1081         Podiatrists         10         10         0         0.0         0           29-1121         Registered Nurses         2,390         3,060         67         28.0         120           29-1122         Occupational Therapists         80         100         20         25.0         0           29-1124         Registered Nurses         2,390         3,060         67         28.0         0           29-1124         Registered Therapists         100         130         30         0         0           29-1128         Recreational Therapists         10         10         0         0         0           29-1128         Recreational Therapists         120         180         40         33.3         0           29-1129         Recreational Therapists         100         130         30         30         0           29-1129         Redical & Clinical Laboratory Technologists         100         130         30         0         0		·					
29-1069         Physicians & Surgeons, All Other         60         70         10         16.7         0           29-1071         Physician Assistants         50         70         20         40.0         0           29-1081         Podiatriss         10         10         0         0         0           29-1112         Registered Nurses         2,390         3,080         670         28.0         1           29-1123         Physical Therapists         100         110         0         0.0         0           29-1125         Recreational Therapists         30         30         0         0.0         0           29-1127         Recreational Therapists         30         30         30         0.0         0           29-1127         Specch-Language Pathologists         100         130         30         30         0         0           29-1131         Verterinarians         80         80         0         0         0         0           29-2011         Medical & Clinical Laboratory Technologists         140         160         10         20.0         0           29-2021 Dental Hygienists         130         170         40         30.8         0		·					
29-1071         Physician Assistants         50         70         20         40.0         0           29-1181         Registered Nurses         2,390         3,060         670         28.0         120           29-1121         Potolarists         80         100         20         25.0         0           29-1124         Physical Therapists         100         130         30         0.0         0           29-1124         Radiation Therapists         100         10         0         0.0         0           29-1125         Recreational Therapists         30         30         0         0.0         0           29-1126         Respiratory Therapists         120         160         40         33.3         0         0           29-1127         Respiratory Therapists         100         130         30         30.0         0           29-1121         Respiratory Therapists         100         130         30         30.0         0           29-1121         Vesterinarians         80         80         80         0         0         0           29-1131         Veterinarians         70         10         160         10         20         <		<del>-</del>					
29-1081   Podiatrists   10							
29-1111   Registered Nurses							
29-1122 Occupational Therapists         80         100         20         25.0         0           29-1124 Radiation Therapists         100         130         30         30.0         0           29-1125 Recreational Therapists         30         30         0         0.0         0           29-1127 Sepech-Language Pathologists         120         160         40         33.3         0           29-1127 Verinarians         80         80         0         0.0         0           29-1131 Veterinarians         80         80         0         0.0         0           29-1199 Health Diagnosing & Treating Practitioners, All Other         50         60         10         20.0         0           29-2011 Medical & Clinical Laboratory Technologists         140         160         20         14.3         0           29-2021 Dential Hygienists         130         170         40         30.8         0         0           29-2021 Dential Hygienists         130         170         40         30.8         0         0           29-2021 Dential Hygienists         130         170         40         30.8         0         0           29-2021 Dential Fygienistr         40         50         1							
29-1123         Physical Therapists         100         130         30         30.0         0           29-1124         Radiation Therapists         10         10         0         0.0         0           29-1126         Recoreational Therapists         30         30         0         0.0         0           29-1127         Respiratory Therapists         100         130         30.0         0           29-1131         Veterinarians         80         80         0         0.0         0           29-1191         Health Diagnosing & Treating Practitioners, All Other         50         60         10         20.0         0           29-2012         Medical & Clinical Laboratory Technicians         120         140         20         16.7         0           29-2012         Medical & Clinical Laboratory Technician         120         140         20         16.7         0           29-2012         Dental Hygienists         130         170         40         30.8         0           29-2021         Diagnostic Medical Sonographers         40         50         10         25.0         0           29-2033         Nuclear Medicine Techniclogists         10         20         10		<del>-</del>					
29-1124         Radiation Therapists         10         10         0         0         0           29-1127         Respiratory Therapists         120         160         40         33.3         0         0         0           29-1127         Speech-Language Pathologists         100         130         30         30.0         0           29-1131         Veterinarians         80         80         0         0.0         0           29-1199         Health Diagnosing & Treating Practitioners, All Other         50         60         10         20.0         0           29-2011         Medical & Clinical Laboratory Technologists         140         160         20         14.3         0           29-2012         Dental Hygienists         130         170         40         30.8         0           29-2032         Dental Hygienists         150         60         10         20.0         0           29-2032         Diagnostic Medical Sonographers         40         50         10         25.0         0           29-2033         Nuclear Medicine Technologists         150         180         30         20.0         0           29-2041         Emergency Medical Technicians         150<		·					
29-1125         Recreational Therapists         30         30         0         0.0         0           29-1126         Respiratory Therapists         120         160         40         33.3         0           29-1131         Speech-Language Pathologists         100         130         30.0         0           29-1131         Veterinarians         80         80         0         0.0         0           29-1191         Health Diagnosing & Treating Practitioners, All Other         50         60         10         20.0         0           29-2011         Medical & Clinical Laboratory Technologists         140         160         20         14.3         0           29-2021         Dental Hyglenists         130         170         40         30.8         0           29-2031         Cardiovascular Technologists & Technicians         50         60         10         20.0         0           29-2032         Rudicologic Technologists         10         20         10         100.0         0           29-2031         Radiologic Technologists & Technicians         150         180         30         20         0           29-2032         Radiologic Technologists & Technicians         150         18							
29-1126 Respiratory Therapists         120         160         40         33.3         0           29-1127 Speech-Language Pathologists         100         130         30         30.0         0           29-1131 Veterinarians         80         80         0         0.0         0           29-1191 Holl Diagnosing & Treating Practitioners, All Other         50         60         110         20.0         0           29-2012 Medical & Clinical Laboratory Technologists         140         160         20         16.7         0           29-2021 Dental Hygienists         130         170         40         30.8         0           29-2032 Dental Hygienists         160         10         20.0         0           29-2032 Diagnostic Medical Sonographers         40         50         10         25.0         0           29-2032 Diagnostic Medical Erchnologists         10         20         10         20.0         0           29-2033 Radiologic Technologists & Technicians         150         180         30         20.0         0           29-2041 Emergency Medical Erchnicians         20         20         260         40         18.2         0           29-2052 Postos         Respiratory Technicians         20		·					
29-1127   Speech-Language Pathologists   100   130   30   30.0   0   29-1131   Veterinarians   80   80   0   0.0   0   0   29-2011   Medical & Clinical Laboratory Technologists   140   160   20   14.3   0   29-2012   Medical & Clinical Laboratory Technologists   140   160   20   14.3   0   29-2012   Medical & Clinical Laboratory Technologists   130   170   40   30.8   0   29-2031   Dental Hygienists   130   170   40   30.8   0   29-2031   Cardiovascular Technologists & Technicians   50   60   10   20.0   0   29-2032   Diagnostic Medical Songraphers   40   50   10   25.0   0   29-2033   Nuclear Medicine Technologists & Technicians   150   180   30   20.0   0   29-2034   Radiologic Technologists & Technicians   150   180   30   20.0   0   29-2034   Radiologic Technologists & Technicians   150   180   30   20.0   0   29-2051   Dietetic Technicians & Paramedics   220   260   40   18.2   0   29-2052   Pharmacy Technicians   140   180   40   28.6   0   29-2055   Psychiatric Technicians   30   30   0   0.0   0   29-2054   Respiratory Technicians   30   30   30   0   0.0   0   29-2055   Surgical Technologists & Technicians   20   30   10   50.0   0   29-2055   Veterinary Technologists & Technicians   30   40   10   33.3   0   29-2066   Veterinary Technologists & Technicians   30   40   10   33.3   0   29-2066   Veterinary Technologists & Technicians   30   40   10   33.3   0   29-2061   Licensed Practical & Licensed Vocational Nurses   710   810   100   14.1   30   29-2061   Ucinsed Practical & Licensed Vocational Nurses   710   810   100   14.1   30   29-2061   Ucinsed Practical & Licensed Vocational Nurses   710   810   100   14.1   30   29-2010   Occupational Health & Safety Specialists & Technicians   30   30   0   0.0   0   29-9199   Health Professionals & Technicians   360   470   111   30   0   0   0   29-9191   Health Aides   360   470   111   30   0   0   0   0   0   0   0   0		·					
29-1131   Veterinarians   80   80   0   0.0   0		· · · · · · · · · · · · · · · · · · ·					
Health Diagnosing & Treating Practitioners, All Other   50   60   10   20.0   0   29-2011   Medical & Clinical Laboratory Technologists   140   160   20   14.3   0   0   29-2021   Dental Hygienists   120   140   20   16.7   0   29-2021   Dental Hygienists   130   170   40   30.8   0   29-2031   Cardiovascular Technologists & Technicians   50   60   10   20.0   0   29-2032   Diagnostic Medical Sonographers   40   50   10   25.0   0   29-2033   Nuclear Medicine Technologists & Technicians   150   180   30   20.0   0   29-2041   Emergency Medical Technologists & Technicians   150   180   30   20.0   0   29-2041   Emergency Medical Technicians & Paramedics   220   260   40   18.2   0   29-2051   Dietetic Technicians   20   30   10   50.0   0   29-2051   Dietetic Technicians   140   180   40   28.6   0   29-2053   Psychiatric Technicians   30   30   0   0.0   0   29-2054   Respiratory Therapy Technicians   20   30   10   50.0   0   29-2055   Surgical Technologists & Technicians   30   30   0   0.0   0   29-2055   Surgical Technologists & Technicians   30   40   10   33.3   0   29-2066   Veterinary Technologists & Technicians   30   40   10   33.3   0   29-2061   Licensed Practical & Licensed Vocational Nurses   710   810   14.1   30   29-2071   Medical Records & Health Information Technicians   200   290   90   45.0   10   29-9010   Cocupational Health & Safety Specialists & Technicians   200   200   0   0   0   0   29-9091   Athletic Trainers   20   20   0   0   0   0   0   29-9091   Athletic Trainers   20   20   0   0   0   0   0   0   0							
29-2011   Medical & Clinical Laboratory Technologists   140   160   20   14.3   0   29-2012   Medical & Clinical Laboratory Technician   120   140   20   16.7   0   0   0   0   0   0   0   0   0							
29-2012         Medical & Clinical Laboratory Technician         120         140         20         16.7         0           29-2021         Dental Hyglenists         130         170         40         30.8         0           29-2032         Cardiovascular Technologists & Technicians         50         60         10         20.0         0           29-2033         Nuclear Medicine Technologists & Technicians         150         180         30         20.0         0           29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         20         30         10         50.0         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists & Technicians         30         40         10         33.3         0           29-2056         Veterinary Technologists & Technicians							
29-2021         Dental Hygienists         130         170         40         30.8         0           29-2031         Cardiovascular Technologists & Technicians         50         60         10         22.0         0           29-2032         Diagnostic Medical Sonographers         40         50         10         20.0         0           29-2033         Nuclear Medicine Technologists         10         20         10         100.0         0           29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2052         Pespiratory Therapy Technicians         20         30         10         50.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists & Technicians         30         40         10         33.3         0           29-2056         Veterinary Technologists         Technicians		· · · · · · · · · · · · · · · · · · ·					
29-2031         Cardiovascular Technologists & Technicians         50         60         10         20.0         0           29-2032         Diagnostic Medical Sonographers         40         50         10         25.0         0           29-2034         Radiologic Technologists & Technicians         150         180         30         20.0         0           29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         30         30         0         0.0         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2071         Medical Records & Health Information Technicians		· · · · · · · · · · · · · · · · · · ·					
29-2032         Diagnostic Medical Sonographers         40         50         10         25.0         0           29-2033         Nuclear Medicine Technologists         10         20         10         100.0         0           29-2034         Radiologic Technologists & Technicians         150         180         30         20.0         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2051         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians							
29-2033         Nuclear Medicine Technologists         10         20         10         100.0         0           29-2044         Radiologic Technologists & Technicians         150         180         30         20.0         0           29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         30         30         0         0.0         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists & Technicians         30         40         10         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         10         14.1         30           29-2071         Medical Records & Health Information Te		<del>_</del>					
29-2034         Radiologic Technologists & Technicians         150         180         30         20.0         0           29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         9         45.0         10           29-2081         Opticians, Dispensing		- · · · · · · · · · · · · · · · · · · ·					
29-2041         Emergency Medical Technicians & Paramedics         220         260         40         18.2         0           29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists & Technicians         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9091         Athletic Trainers		<del>-</del>					
29-2051         Dietetic Technicians         20         30         10         50.0         0           29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9091         Health Professionals & Technicians, All Other         70							
29-2052         Pharmacy Technicians         140         180         40         28.6         0           29-2053         Psychiatric Technicians         30         30         0         0.0         0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-000         Health Care Suppo		- · · · · · · · · · · · · · · · · · · ·					
29-2053         Psychiatric Technicians         30         30         0         0.0           29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-000         Healthcare Support Occupations         3,910         4,910         1,000         25.6         160           31-1011         Home Health Aides							
29-2054         Respiratory Therapy Technicians         20         30         10         50.0         0           29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-0000         Health Aides         3910         4,910         1,000         25.6         160           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, O		· · · · · · · · · · · · · · · · · · ·					
29-2055         Surgical Technologists         60         80         20         33.3         0           29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-0000         Healthcare Support Occupations         3,910         4,910         1,000         25.6         160           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides		•					
29-2056         Veterinary Technologists & Technicians         30         40         10         33.3         0           29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-000         Health Aides         360         470         110         30.6         20           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, Orderlies, & Attendants         2,410         2,970         560         23.2         90           31-2011         Occupational Th		· · · · · · · · · · · · · · · · · · ·					
29-2061         Licensed Practical & Licensed Vocational Nurses         710         810         100         14.1         30           29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-000         Health Care Support Occupations         3,910         4,910         1,000         25.6         160           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, Orderlies, & Attendants         2,410         2,970         560         23.2         90           31-2011         Occupational Therapist Assistants         20         20         0         0         0           31-2021 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
29-2071         Medical Records & Health Information Technicians         200         290         90         45.0         10           29-2081         Opticians, Dispensing         70         70         0         0.0         0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-0000         Health Care Support Occupations         3,910         4,910         1,000         25.6         0           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, Orderlies, & Attendants         2,410         2,970         560         23.2         90           31-2011         Occupational Therapist Assistants         20         20         0         0.0         0           31-2021         Physical Therapist Assistants         80         100         20         25.0         0           31-9011         Massage Therapists			710	810	100	14.1	30
29-2081         Opticians, Dispensing         70         70         0         0.0           29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-0000         Healthcare Support Occupations         3,910         4,910         1,000         25.6         160           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, Orderlies, & Attendants         2,410         2,970         560         23.2         90           31-1013         Psychiatric Aides         150         180         30         20.0         0           31-2011         Occupational Therapist Assistants         20         20         0         0.0         0           31-2021         Physical Therapist Assistants         80         100         20         25.0         0           31-9011         Massage Therapists         20         30         10		Medical Records & Health Information Technicians	200	290	90		
29-9010         Occupational Health & Safety Specialists & Technicians         30         30         0         0.0         0           29-9091         Athletic Trainers         20         20         0         0.0         0           29-9199         Health Professionals & Technicians, All Other         70         90         20         28.6         0           31-0000         Health Care Support Occupations         3,910         4,910         1,000         25.6         160           31-1011         Home Health Aides         360         470         110         30.6         20           31-1012         Nursing Aides, Orderlies, & Attendants         2,410         2,970         560         23.2         90           31-1013         Psychiatric Aides         150         180         30         20.0         0           31-2011         Occupational Therapist Assistants         20         20         0         0.0         0           31-2021         Physical Therapist Assistants         80         100         20         25.0         0           31-9011         Massage Therapist Aides         40         50         10         25.0         0           31-9091         Medical Assistants         250		Opticians, Dispensing					
29-9091       Athletic Trainers       20       20       0       0.0       0         29-9199       Health Professionals & Technicians, All Other       70       90       20       28.6       0         31-0000       Health Aides       3,910       4,910       1,000       25.6       160         31-1011       Home Health Aides       360       470       110       30.6       20         31-1012       Nursing Aides, Orderlies, & Attendants       2,410       2,970       560       23.2       90         31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-9011       Massage Therapist Aides       40       50       10       25.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       <		·	30	30	0		
29-9199       Health Professionals & Technicians, All Other       70       90       20       28.6       0         31-0000       Healthcare Support Occupations       3,910       4,910       1,000       25.6       160         31-1011       Home Health Aides       360       470       110       30.6       20         31-1012       Nursing Aides, Orderlies, & Attendants       2,410       2,970       560       23.2       90         31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists		Athletic Trainers	20		0		
31-1011       Home Health Aides       360       470       110       30.6       20         31-1012       Nursing Aides, Orderlies, & Attendants       2,410       2,970       560       23.2       90         31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10	29-9199	Health Professionals & Technicians, All Other	70	90	20	28.6	0
31-1011       Home Health Aides       360       470       110       30.6       20         31-1012       Nursing Aides, Orderlies, & Attendants       2,410       2,970       560       23.2       90         31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10	31-0000	Healthcare Support Occupations	3 910	4 910	1 000	25.6	160
31-1012       Nursing Aides, Orderlies, & Attendants       2,410       2,970       560       23.2       90         31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70							
31-1013       Psychiatric Aides       150       180       30       20.0       0         31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0							
31-2011       Occupational Therapist Assistants       20       20       0       0.0       0         31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0							
31-2021       Physical Therapist Assistants       80       100       20       25.0       0         31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		· ·					
31-2022       Physical Therapist Aides       40       50       10       25.0       0         31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		·					
31-9011       Massage Therapists       20       30       10       50.0       0         31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		· ·					
31-9091       Dental Assistants       250       330       80       32.0       20         31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		· ·					
31-9092       Medical Assistants       260       380       120       46.2       20         31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		· · · · · · · · · · · · · · · · · · ·					
31-9093       Medical Equipment Preparers       30       40       10       33.3       0         31-9094       Medical Transcriptionists       100       110       10       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0							
31-9094       Medical Transcriptionists       100       110       10.0       0         31-9095       Pharmacy Aides       40       50       10       25.0       0         31-9096       Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0							
31-9095 Pharmacy Aides       40       50       10       25.0       0         31-9096 Veterinary Assistants & Laboratory Animal Caretakers       70       90       20       28.6       0		· · · · · · · · · · · · · · · · · · ·					
31-9096 Veterinary Assistants & Laboratory Animal Caretakers 70 90 20 28.6 0		·					
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		Average Annual Employment <sup>1</sup> Projected Change			01	Total
SOC	<del>-</del>	Employi	nent	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
33-0000	Protective Service Occupations	2,120	2,360	240	11.3	80
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	140	150	10	7.1	10
33-1021	First-Line Supervisors/Managers of Fire Fighting &	00	70	10	40.7	
22 4000	Prevention Workers	60	70	10	16.7	0
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	0.0	0
33-2011	Fire Fighters	260	300	0 40	15.4	10
33-2011	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	390	400	10	2.6	10
33-3021	Detectives & Criminal Investigators	60	60	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	550	620	70	12.7	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9021	Private Detectives & Investigators	10	20	10	100.0	0
33-9032	Security Guards	360	410	50	13.9	20
33-9091	Crossing Guards	50	50	0	0.0	0
33-9099	Protective Service Workers, All Other	160	190	30	18.8	10
35-0000	Food Proporation & Sarving Polated Conumetions	9,400	10,980	1,580	16.8	530
35-0000 35-1011	Food Preparation & Serving Related Occupations Chefs & Head Cooks	<b>9,400</b> 80	10,980	20	25.0	0
35-1011	First-Line Supervisors/Managers of Food Preparation &	00	100	20	23.0	l
00 1012	Serving Workers	820	970	150	18.3	40
35-2011	Cooks, Fast Food	720	790	70	9.7	30
35-2012	Cooks, Institution & Cafeteria	800	810	10	1.3	30
35-2014	Cooks, Restaurant	520	610	90	17.3	30
35-2015	Cooks, Short Order	260	290	30	11.5	10
35-2021	Food Preparation Workers	880	1,060	180	20.5	50
35-3011	Bartenders	350	390	40	11.4	10
35-3021	Combined Food Preparation & Serving Workers, Including					
	Fast Food	1,900	2,390	490	25.8	130
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee					
	Shop	330	390	60	18.2	30
35-3031	Waiters & Waitresses	1,730	2,040	310	17.9	120
35-3041	Food Servers, Nonrestaurant	190	210	20	10.5	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	210	240	30	14.3	10
35-9021	Dishwashers	340	370	30	8.8	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	220	260	40	18.2	10
35-9099	Food Preparation & Serving Related Workers, All Other	50	50	0	0.0	
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	4,100	4,930	830	20.2	160
37-1011	First-Line Supervisors/Managers of Housekeeping &					
	Janitorial Workers	190	220	30	15.8	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn					
	Service, & Groundskeeping Workers	80	100	20	25.0	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping					
07.0046	Cleaners	1,920	2,310	390	20.3	80
37-2012	Maids & Housekeeping Cleaners	990	1,180	190	19.2	40
37-2021	Pest Control Workers	40 800	40	100	0.0	0
37-3011	Landscaping & Groundskeeping Workers	800	990	190	23.8	40

		Average Annual				Tatal
200		Employr	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
37-3012	<u>.</u>	50	60	10	20.0	0
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation Tree Trimmers & Pruners	10	10	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All	10	10	U	0.0	
07 0000	Other	20	20	0	0.0	0
20,0000	Devenuel Care & Corrige Occupations	2 220	2.060	640		120
<b>39-0000</b> 39-1012	Personal Care & Service Occupations Slot Key Persons	<b>3,320</b> 10	<b>3,960</b> 10	<b>640</b> 0	<b>19.3</b> 0.0	<b>130</b> 0
39-1012	First-Line Supervisors/Managers of Personal Service	10	10	U	0.0	0
00 1021	Workers	140	160	20	14.3	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	90	120	30	33.3	0
39-3011	Gaming Dealers	10	20	10	100.0	0
39-3012	Gaming & Sports Book Writers & Runners	20	30	10	50.0	0
39-3021	Motion Picture Projectionists	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	90	90	0	0.0	10
39-3091	Amusement & Recreation Attendants	160	180	20	12.5	10
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	20	30	10	50.0	0
39-3199	Gaming Workers, All Other	30	40	10	33.3	0
39-4011	Embalmers	60	70	10	16.7	0
39-4021	Funeral Attendants	20	30	10	50.0	0
39-5011	Barbers	70 500	80	10	14.3	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists Manicurists & Pedicurists	560	600	40	7.1	10
39-5092 39-5093	Shampooers	30 20	40 20	10 0	33.3 0.0	0 0
39-5093	Skin Care Specialists	30	30	0	0.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	30	40	10	33.3	0
39-6032	Transportation Attendants, Except Flight Attendants &	33	.0	.0	00.0	ŭ
	Baggage Porters	20	30	10	50.0	0
39-9011	Child Care Workers	730	850	120	16.4	30
39-9021	Personal & Home Care Aides	720	900	180	25.0	30
39-9031	Fitness Trainers & Aerobics Instructors	170	220	50	29.4	10
39-9032	Recreation Workers	210	260	50	23.8	20
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	20	30	10	50.0	0
41-0000	Sales & Related Occupations	12,480	14,040	1,560	12.5	580
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,200	1,360	160	13.3	40
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	320	370	50	15.6	20
41-2011	Cashiers	3,590	4,140	550	15.3	240
41-2012	Gaming Change Persons & Booth Cashiers	10	10	0	0.0	0
41-2021	Counter & Rental Clerks	270	330	60	22.2	20
41-2022	Parts Salespersons Retail Salespersons	250	240	-10	-4.0	10
41-2031 41-3011	Advertising Sales Agents	2,900 90	3,280 110	380 20	13.1 22.2	150 0
41-3011	Insurance Sales Agents	880	890	10	1.1	20
41-3021	Securities, Commodities, & Financial Services Sales	000	030	10	1.1	20
11 0001	Agents	130	140	10	7.7	0
41-3041	Travel Agents	20	30	10	50.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing,			. •		
	Technical & Scientific Products	260	290	30	11.5	10

	2012 0004 pational		امیرم۸			
		Average Annual  Employment <sup>1</sup> Projected Change			01	Total
SOC	<del>-</del>	Employi	ment	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
41-4012	Sales Representatives, Wholesale & Manufacturing,					
41-4012	Except Technical & Scientific Products	1,280	1,460	180	14.1	50
41-9011	Demonstrators & Product Promoters	50	60	100	20.0	0
41-9021	Real Estate Brokers	130	140	10	7.7	o o
41-9022	Real Estate Sales Agents	380	380	0	0.0	10
41-9031	Sales Engineers	50	60	10	20.0	0
41-9041	Telemarketers	230	250	20	8.7	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &					
	Related Workers	30	30	0	0.0	0
41-9099	Sales & Related Workers, All Other	410	470	60	14.6	20
43-0000	Office & Administrative Support Occupations	17,390	18,530	1,140	6.6	500
43-1011	First-Line Supervisors/Managers of Office & Administrative	17,390	10,550	1,140	0.0	300
40 1011	Support Workers	1,130	1,190	60	5.3	30
43-2011	Switchboard Operators, Including Answering Service	160	160	0	0.0	0
43-3011	Bill & Account Collectors	270	340	70	25.9	20
43-3021	Billing & Posting Clerks & Machine Operators	460	480	20	4.3	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,690	1,770	80	4.7	40
43-3041	Gaming Cage Workers	10	10	0	0.0	0
43-3051	Payroll & Timekeeping Clerks	170	190	20	11.8	10
43-3061	Procurement Clerks	60	60	0	0.0	0
43-3071	Tellers	710	770	60	8.5	50
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Correspondence Clerks	20	20	0	0.0	0
43-4031	Court, Municipal, & License Clerks	130	140	10	7.7	0
43-4041	Credit Authorizers, Checkers, & Clerks	30	20	-10	-33.3	0
43-4051	Customer Service Representatives	1,280	1,510	230	18.0	40
43-4061	Eligibility Interviewers, Government Programs	50	60	10	20.0	0
43-4071	File Clerks	180	180	0	0.0	10
43-4081	Hotel, Motel, & Resort Desk Clerks	150	190	40	26.7	10
43-4111	Interviewers, Except Eligibility & Loan	150	180	30	20.0	0
43-4121	Library Assistants, Clerical	130	150	20	15.4	10
43-4131	Loan Interviewers & Clerks	140	110	-30	-21.4	0
43-4141	New Accounts Clerks	110	120	10	9.1	0
43-4151	Order Clerks	260	230	-30	-11.5	10
43-4161	Human Resources Assistants, Except Payroll &					
	Timekeeping	100	120	20	20.0	0
43-4171	Receptionists & Information Clerks	750	920	170	22.7	40
43-4181	Reservation & Transportation Ticket Agents & Travel					
	Clerks	60	80	20	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	160	160	0	0.0	0
43-5011	Cargo & Freight Agents	90	90	0	0.0	0
43-5021	Couriers & Messengers	60	60	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	120	130	10	8.3	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	90	100	10	11.1	0
43-5041	Meter Readers, Utilities	50	50	0	0.0	0
43-5051	Postal Service Clerks	70	80	10	14.3	0
43-5052	Postal Service Mail Carriers	320	400	80	25.0	20
43-5053	Postal Service Mail Sorters, Processors, & Processing					<u> </u>
40 5007	Machine Operators	160	180	20	12.5	0
43-5061	Production, Planning, & Expediting Clerks	200	240	40	20.0	10
43-5071	Shipping, Receiving, & Traffic Clerks	620	630	10	1.6	10

		Average Employ		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-5081	Stock Clerks & Order Fillers	1,350	1,300	-50	-3.7	50
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	60	70	10	16.7	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	10	10	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	1,230	1,280	50	4.1	30
43-6012	Legal Secretaries	110	150	40	36.4	0
43-6013	Medical Secretaries Secretaries, Except Legal, Medical, & Executive	210 1,490	230 1,460	20 -30	9.5 -2.0	0 30
43-6014 43-9011	Computer Operators	1,490	70	-30 -10	-2.0 -12.5	0
43-9011	Data Entry Keyers	240	230	-10	-4.2	10
43-9021	Word Processors & Typists	50	40	-10	-20.0	0
43-9031	Desktop Publishers	20	30	10	50.0	0
43-9041	Insurance Claims & Policy Processing Clerks	60	60	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
10.0001	Service	70	70	0	0.0	0
43-9061	Office Clerks, General	2,090	2,230	140	6.7	60
43-9071	Office Machine Operators, Except Computer	50	40	-10	-20.0	0
43-9081	Proofreaders & Copy Markers	10	10	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	110	120	10	9.1	0
45-0000	Farming, Fishing, & Forestry Occupations	960	1,100	140	14.6	30
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &		•			
	Forestry Workers	40	40	0	0.0	0
45-2011	Agricultural Inspectors	20	10	-10	-50.0	0
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0
45-2091	Agricultural Equipment Operators	180	220	40	22.2	10
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	440	500	60	13.6	20
45-2093	Farmworkers, Farm & Ranch Animals	140	170	30	21.4	0
45-3011	Fishers & Related Fishing Workers	20	20	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	60	70	10	16.7	0
<b>47-0000</b> 47-1011	Construction & Extraction Occupations First-Line Supervisors/Managers of Construction Trades &	5,150	6,110	960	18.6	170
	Extraction Workers	610	720	110	18.0	20
47-2011	Boilermakers	10	10	0	0.0	0
47-2021	Brickmasons & Blockmasons	40	50	10	25.0	0
47-2022	Stonemasons	20	20	0	0.0	0
47-2031	Carpenters	670	800	130	19.4	20
47-2041	Carpet Installers	50	50	0	0.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	20	30	10	50.0	0
47-2051	Cement Masons & Concrete Finishers	160	210	50	31.3	10
47-2061	Construction Laborers	790	960	170	21.5	30
47-2071	Paving, Surfacing, & Tamping Equipment Operators	120	140	20	16.7	0
47-2073	Operating Engineers & Other Construction Equipment Operators	610	690	80	13.1	30
47-2081	Drywall & Ceiling Tile Installers	20	30	10	50.0	0
47-2081	Tapers	10	10	0	0.0	0
47-2111	Electricians	400	490	90	22.5	20
47-2121	Glaziers	30	30	0	0.0	
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	2012 0000 pational		Λαουοί			
		Average		Dusinatad	Chanas	Total
SOC	<del>-</del>	Employ	nent	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
47-2130	Insulation Workers	30	40	10	33.3	0
47-2141	Painters, Construction & Maintenance	160	190	30	18.8	Ö
47-2151	Pipelayers	30	40	10	33.3	Ö
47-2152	Plumbers, Pipefitters, & Steamfitters	330	390	60	18.2	20
47-2161	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	20	20	0	0.0	0
47-2181	Roofers	100	120	20	20.0	0
47-2211	Sheet Metal Workers	160	190	30	18.8	0
47-2221	Structural Iron & Steel Workers	20	30	10	50.0	0
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &					
	Tile & Marble Setters	40	40	0	0.0	0
47-3012	HelpersCarpenters	100	120	20	20.0	0
47-3013	HelpersElectricians	60	60	0	0.0	0
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco					
	Masons	10	20	10	100.0	0
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	60	70	10	16.7	0
47-3016	HelpersRoofers	20	20	0	0.0	0
47-3019	Helpers, Construction Trades, All Other	20	20	0	0.0	0
47-4011	Construction & Building Inspectors	40	40	0	0.0	0
47-4021	Elevator Installers & Repairers	10	10	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	10	20	10	100.0	0
47-4051	Highway Maintenance Workers	140	160	20	14.3	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	30	30	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	20	20	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	20	20	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	10	10	0	0.0	0
47-5012	Rotary Drill Operators, Oil & Gas	20	30	10	50.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	20	20	0	0.0	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	30	40	10	33.3	0
47-5081	HelpersExtraction Workers	20	30	10	50.0	0
40.0000	Installation Maintenance & Banain Commetions	4 750	F 470	700	45.0	450
<b>49-0000</b>	Installation, Maintenance, & Repair Occupations First-Line Supervisors/Managers of Mechanics, Installers,	4,750	5,470	720	15.2	150
49-1011		440	400	00	10 E	20
40.0044	& Repairers Computer, Automated Teller, & Office Machine Repairers	410	490	80	19.5	20
49-2011	·	90	100	10	11.1	0
49-2022	Telecommunications Equipment Installers & Repairers,	70	60	10	112	
40 2004	Except Line Installers Avionics Technicians	70 60	60	-10	-14.3	0
49-2091	Electric Motor, Power Tool, & Related Repairers	60	60	0	0.0	0
49-2092 49-2093	Electrical & Electronics Installers & Repairers,	40	40	0	0.0	0
49-2093	Transportation Equipment	20	20	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial	20	20	0	0.0	U
49-2094	Equipment	50	50	0	0.0	0
40 200E	Electrical & Electronics Repairers, Powerhouse,	50	50	0	0.0	0
49-2095		20	30	0	0.0	0
49-2096	Substation, & Relay Electronic Equipment Installers & Repairers, Motor	30	30	0	0.0	0
43-2030	Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers &	10	10	U	0.0	'
43-2037	Repairers	30	30	0	0.0	0
	Поравото	30	30	U	0.0	ı •

		Average Annual				Total
200		Employ	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·					
49-2098	Security & Fire Alarm Systems Installers	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	60	70	10	16.7	0
49-3021	Automotive Body & Related Repairers	180	210	30	16.7	0
49-3022	Automotive Glass Installers & Repairers utomotive Service Technicians & Mechanics	10	10 750	0	0.0 13.6	0
49-3023		660 310	360	90	16.1	30 20
49-3031 49-3041	Bus & Truck Mechanics & Diesel Engine Specialists Farm Equipment Mechanics	60	60	50	0.0	
49-3041	Mobile Heavy Equipment Mechanics, Except Engines	130	150	0 20	15.4	0 0
49-3042	Rail Car Repairers	40	40	0	0.0	0
49-3043	Motorboat Mechanics	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	20	20	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine	20	20	O	0.0	
49-3033	Mechanics	20	20	0	0.0	0
49-3091	Bicycle Repairers	10	20	10	100.0	0
49-3092	Recreational Vehicle Service Technicians	10	10	0	0.0	Ö
49-3093	Tire Repairers & Changers	190	210	20	10.5	10
49-9011	Mechanical Door Repairers	10	20	10	100.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical	10	20	10	100.0	
10 0012	Door	20	20	0	0.0	о
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &	20	20	Ū	0.0	
10 0021	Installers	180	240	60	33.3	10
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	250	290	40	16.0	10
49-9042	Maintenance & Repair Workers, General	1,190	1,400	210	17.6	40
49-9043	Maintenance Workers, Machinery	90	100	10	11.1	0
49-9044	Millwrights	40	50	10	25.0	Ö
49-9051	Electrical Power-Line Installers & Repairers	110	130	20	18.2	Ō
49-9052	Telecommunications Line Installers & Repairers	30	30	0	0.0	Ō
49-9062	Medical Equipment Repairers	10	10	0	0.0	Ō
49-9063	Musical Instrument Repairers & Tuners	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers &					
	Repairers	50	60	10	20.0	0
49-9094	Locksmiths & Safe Repairers	10	10	0	0.0	0
49-9095	Manufactured Building & Mobile Home Installers	20	20	0	0.0	0
49-9096	Riggers	10	10	0	0.0	0
49-9097	Signal & Track Switch Repairers	10	20	10	100.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	80	100	20	25.0	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	60	70	10	16.7	0
51-0000	Production Occupations	12,110	12,760	650	5.4	290
51-1011	First-Line Supervisors/Managers of Production &	12,110	12,100	000	0.1	200
01 1011	Operating Workers	810	910	100	12.3	30
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems	0.0	0.0			
00	Assemblers	40	40	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	20	20	0	0.0	o l
51-2022	Electrical & Electronic Equipment Assemblers	380	340	-40	-10.5	10
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	210	210	0	0.0	10
51-2041	Structural Metal Fabricators & Fitters	110	110	0	0.0	0
51-2091	Fiberglass Laminators & Fabricators	10	10	0	0.0	o o
51-2092	Team Assemblers	1,690	1,640	-50	-3.0	40

		Average Annual				
000		Employi		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
Code	Occupational Title			Number	reiceiii	Openings
51-2099	Assemblers & Fabricators, All Other	110	110	0	0.0	0
51-3011	Bakers	100	120	20	20.0	0
51-3021	Butchers & Meat Cutters	110	100	-10	-9.1	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	160	170	10	6.3	0
51-3023	Slaughterers & Meat Packers	160	160	0	0.0	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine	00	00	0	0.0	
F4 0000	Operators & Tenders	20	20	0	0.0	0
51-3092	Food Cooking Machine Operators & Tondors	300	330	30	10.0	10
51-3093	Food Cooking Machine Operators & Tenders	200	220	20	10.0	10
51-3099	Food Processing Workers, All Other	20	30	10	50.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	230	250	20	8.7	0
51-4012	Numerical Tool & Process Control Programmers	30	40	20 10	33.3	0 0
51-4012	Extruding & Drawing Machine Setters, Operators, &	30	40	10	33.3	0
31-4021	Tenders, Metal & Plastic	70	70	0	0.0	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &	70	70	U	0.0	0
31-4022	Plastic	30	30	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &	30	30	U	0.0	
31-4023	Plastic	20	20	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &	20	20	O	0.0	
01 4001	Tenders, Metal & Plastic	220	220	0	0.0	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, &	220	220	U	0.0	10
01 4002	Tenders, Metal & Plastic	70	70	0	0.0	О
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool	70	70	J	0.0	
01 4000	Setters, Operators, & Tenders, Metal & Plastic	90	90	0	0.0	О
51-4034	Lathe & Turning Machine Tool Setters, Operators, &			ŭ	0.0	
0.100.	Tenders, Metal & Plastic	110	120	10	9.1	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,					
	Metal & Plastic	40	40	0	0.0	0
51-4041	Machinists	450	480	30	6.7	10
51-4051	Metal-Refining Furnace Operators & Tenders	20	20	0	0.0	0
51-4052	Pourers & Casters, Metal	10	20	10	100.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	20	20	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters,					
	Operators, & Tenders, Metal & Plastic	180	180	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,					
	Metal & Plastic	60	70	10	16.7	0
51-4111	Tool & Die Makers	130	130	0	0.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	600	680	80	13.3	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	50	40	-10	-20.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,					
	Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,	. =				_
	Metal & Plastic	40	40	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	20	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	50	60	10	20.0	0
51-5011	Bindery Workers	50	50	0	0.0	0

	Average Annual					
		_		Drainatad	Changa	Total
SOC	<del>-</del>	Employi	nent	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-5012	Bookbinders	10	10	0	0.0	0
51-5021	Job Printers	40	40	0	0.0	0
51-5022	Prepress Technicians & Workers	70	60	-10	-14.3	0
51-5023	Printing Machine Operators	140	150	10	7.1	0
51-5099	Printing Workers, All Other	10	10	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	220	250	30	13.6	10
51-6021	Pressers, Textile, Garment, & Related Materials	30	40	10	33.3	0
51-6031	Sewing Machine Operators	140	170	30	21.4	0
51-6052	Tailors, Dressmakers, & Custom Sewers	20	20	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, &	. •	. •	· ·	0.0	
0.0000	Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,			_		
0.000.	Operators, & Tenders	10	10	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, &	. •	. •	· ·	0.0	
0.000.	Tenders, Synthetic & Glass Fibers	20	20	0	0.0	0
51-6093	Upholsterers	20	20	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	20	30	10	50.0	0
51-7011	Cabinetmakers & Bench Carpenters	120	120	0	0.0	o o
51-7021	Furniture Finishers	20	20	0	0.0	0
51-7032	Patternmakers, Wood	20	20	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	40	30	-10	-25.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders,	10	00	10	20.0	Ĭ
017042	Except Sawing	70	70	0	0.0	0
51-8012	Power Distributors & Dispatchers	10	10	0	0.0	ő
51-8013	Power Plant Operators	40	50	10	25.0	ő
51-8021	Stationary Engineers & Boiler Operators	40	40	0	0.0	o I
51-8031	Water & Liquid Waste Treatment Plant & System	40	40	Ū	0.0	Ĭ
01 0001	Operators	100	110	10	10.0	О
51-8091	Chemical Plant & System Operators	40	40	0	0.0	o l
51-8092	Gas Plant Operators	20	30	10	50.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, &	20	00	10	00.0	Ĭ
31 0033	Gaugers	110	120	10	9.1	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	o l
51-9011	Chemical Equipment Operators & Tenders	20	20	0	0.0	o I
51-9011	Separating, Filtering, Clarifying, Precipitating, & Still	20	20	U	0.0	Ĭ
31-3012	Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,	30	40	10	55.5	Ĭ
31-9021	Operators, & Tenders	60	60	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	60	70	10	16.7	0
51-9022	Mixing & Blending Machine Setters, Operators, & Tenders	540	530	-10	-1.9	10
51-9023	Cutters & Trimmers, Hand	10	20	10	100.0	0
51-9031	Cutting & Slicing Machine Setters, Operators, & Tenders	40	50	10	25.0	0
51-9032	Extruding, Forming, Pressing, & Compacting Machine	40	30	10	23.0	
31-9041	Setters, Operators, & Tenders	110	110	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	20	20	0	0.0	
51-9051	Inspectors, Testers, Sorters, Samplers, & Weighers	1,100	1,210	0 110	10.0	0 40
51-9061	Jewelers & Precious Stone & Metal Workers	1,100	1,210	0	0.0	0
	Dental Laboratory Technicians	50	50	_	0.0	0
51-9081 51-9083	Ophthalmic Laboratory Technicians	20	20	0	0.0	0
51-9083	·			0		
51-9111	Packaging & Filling Machine Operators & Tenders	380	440	60	15.8	20

		Average	Annual			Total
SOC	_	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-9121	Coating, Painting, & Spraying Machine Setters, Operators,					
31 3121	& Tenders	170	180	10	5.9	0
51-9122	Painters, Transportation Equipment	40	40	0	0.0	o o
51-9123	Painting, Coating, & Decorating Workers	30	40	10	33.3	o l
51-9131	Photographic Process Workers	20	20	0	0.0	Ō
51-9132	Photographic Processing Machine Operators	60	60	0	0.0	Ō
51-9191	Cementing & Gluing Machine Operators & Tenders	10	10	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators					
	& Tenders	10	10	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	20	20	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	20	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	80	90	10	12.5	0
51-9197	Tire Builders	10	10	0	0.0	0
51-9198	HelpersProduction Workers	430	450	20	4.7	10
51-9199	Production Workers, All Other	220	250	30	13.6	10
<b>53-0000</b> 53-1021	Transportation & Material Moving Occupations First-Line Supervisors/Managers of Helpers, Laborers, &	8,780	9,690	910	10.4	280
33-1021	Material Movers, Hand	160	180	20	12.5	0
53-1031	First-Line Supervisors/Managers of Transportation &					
	Material-Moving Machine & Vehicle Operators	200	220	20	10.0	10
53-2011	Airline Pilots, Copilots, & Flight Engineers	10	10	0	0.0	0
53-2012	Commercial Pilots	10	10	0	0.0	0
53-2021	A					
	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	40	40	0	0.0	0
53-3022	Bus Drivers, School	530	610	80	15.1	20
53-3031	Driver/Sales Workers	480	510	30	6.3	10
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,880	2,200	320	17.0	60
53-3033	Truck Drivers, Light or Delivery Services	680	800	120	17.6	20
53-3041	Taxi Drivers & Chauffeurs	70	80	10	14.3	0
53-3099	Motor Vehicle Operators, All Other	60	70	10	16.7	0
53-4011	Locomotive Engineers	70	90	20	28.6	0
53-4021	Railroad Brake, Signal, & Switch Operators	60	60	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	60	80	20	33.3	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	120	140	20	16.7	10
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	20	10	100.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	70	80	10	14.3	0
53-7021	Crane & Tower Operators	20	30	10	50.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	40	50	10	25.0	0
53-7041 53-7051	Hoist & Winch Operators Industrial Truck & Tractor Operators	10 830	10 890	0	0.0 7.2	0 30
53-7051	Cleaners of Vehicles & Equipment	280	300	60 20	7.∠ 7.1	10
53-7061	Laborers & Freight, Stock, & Material Movers, Hand	1,620	1,620	0	0.0	50
53-7062	Machine Feeders & Offbearers	300	300	0	0.0	10
53-7064	Packers & Packagers, Hand	930	1,030	100	10.8	30
53-7071	Gas Compressor & Gas Pumping Station Operators	10	1,030	0	0.0	0

SOC		Average Annual Employment <sup>1</sup>		Projected	Total Annual	
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	30	30	0	0.0	0
53-7081	Refuse & Recyclable Material Collectors	90	110	20	22.2	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	30	30	0	0.0	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

## **Northwest Region**

## Northwest Kansas Region Occupational Trends

In 2002, total occupational employment was 84,120 and is projected to reach 94,010 in 2012, or 11.8 percent growth over the period. The largest major occupational group for the Northwest region in 2002 was the **Management** occupational group, with an employment level of 18,390. The same occupational group is projected to be the largest in the year 2012, employing 18,500. The **Office and Administrative Support** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical job growth, 1,200, followed by the **Healthcare Practitioners and Technical** occupational group with 1,030. Two occupational groups, **Education, Training and Library** and **Healthcare Support**, will experience the greatest percent change, 24.5 and 23.9 percent respectively.

The most annual openings are expected in the **Food Preparation and Serving Related** occupational group with 330, followed by the **Sales and Related** occupational group with 310 annual openings. Within the **Food Preparation and Serving Related** occupational group, **combined food preparation and serving workers, including fast food,** and **waiters and waitresses** are projected to have the most annual openings with 80, followed by **food preparation workers** with 30 annual openings.

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	Total, All Northwest Occupations	<u>84,120</u>	<u>94,010</u>	<u>9,890</u>	<u>11.8</u>	<u>2,270</u>
11-0000	Management Occupations	18,390	18,500	110	0.6	60
11-1011	Chief Executives	270	310	40	14.8	10
11-1021	General & Operations Managers	880	1,000	120	13.6	30
11-1031	Legislators	80	90	10	12.5	0
11-2011	Advertising & Promotions Managers	20	20	0	0.0	0
11-2021	Marketing Managers	40	40	0	0.0	0
11-2022	Sales Managers	110	140	30	27.3	0
11-2031	Public Relations Managers	10	20	10	100.0	0
11-3011	Administrative Services Managers	100	120	20	20.0	0
11-3021	Computer & Information Systems Managers	60	80	20	33.3	0
11-3031	Financial Managers	200	230	30	15.0	0
11-3040	Human Resources Managers	40	50	10	25.0	0
11-3051	Industrial Production Managers	60	60	0	0.0	0
11-3061	Purchasing Managers	20	20	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	30	40	10	33.3	0
11-9011	Farm, Ranch, & Other Agricultural Managers	370	440	70	18.9	20
11-9012	Farmers & Ranchers	15,000	14,560	-440	-2.9	10
11-9021	Construction Managers	100	110	10	10.0	0
11-9031	Education Administrators, Preschool & Child Care	00	00	0	0.0	
44.0000	Center/Program	20	20	0	0.0	0
11-9032	Education Administrators, Elementary & Secondary School	150	190	40	26.7	0
11-9033	Education Administrators, Postsecondary	60	70	10	16.7	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041	Engineering Managers	30	40	10	33.3 14.3	0
11-9051	Food Service Managers Funeral Directors	140 50	160 50	20	0.0	0
11-9061 11-9081	Lodging Managers	20	20	0	0.0	0
11-9001	Medical & Health Services Managers	180	230	50	27.8	10
11-9111	Natural Sciences Managers	100	10	0	0.0	0
11-9121	Postmasters & Mail Superintendents	40	40	0	0.0	0
11-9131	Property, Real Estate, & Community Association Managers	30	40	10	33.3	0
11-9151	Social & Community Service Managers	50 50	60	10	20.0	0
11-9199	Managers, All Other	210	230	20	9.5	0
	•					
13-0000	Business & Financial Operations Occupations	2,040	2,360	320	15.7	50
13-1021	Purchasing Agents & Buyers, Farm Products	40	50	10	25.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	60	60	0	0.0	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm	00	400	40	44.4	
10 1001	Products	90	100	10	11.1	0
13-1031	Claims Adjusters, Examiners, & Investigators	140	160	20	14.3	0
13-1041	Compliance Officers, Except Agriculture, Construction,	400	440	40	40.0	
10 1051	Health & Safety, & Transportation	100	110	10	10.0	0
13-1051	Cost Estimators	80	100	20	25.0	0
13-1061	Emergency Management Specialists	10	10	0	0.0	0
13-1071	Employment, Recruitment, & Placement Specialists	30	40	10	33.3	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	30 60	30	0	0.0	0
13-1073	Training & Development Specialists	60 140	80 150	20	33.3 7.1	0
13-1111 13-1121	Management Analysts Meeting & Convention Planners	140 10	150 20	10 10	100.0	0
13-1121	Business Operations Specialists, All Other	290	350	60	20.7	0 20
13-1199	Accountants & Auditors	440	530	90	20.7	20
13 2011	. iooo anamo anamoro	170	500	50	20.0	20

222	·	Average A		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
13-2021	Appraisers & Assessors of Real Estate	50	60	10	20.0	0
13-2031	Budget Analysts	10	10	0	0.0	0
13-2041	Credit Analysts	20	20	0	0.0	0
13-2051	Financial Analysts	70	80	10	14.3	0
13-2052	Personal Financial Advisors	40	40	0	0.0	0
13-2053	Insurance Underwriters	40	40	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	200	210	10	5.0	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	30	40	10	33.3	0
13-2099	Financial Specialists, All Other	20	30	10	50.0	0
15-0000	Computer & Mathematical Occupations	700	830	130	18.6	10
15-1021	Computer Programmers	100	100	0	0.0	0
15-1031	Computer Software Engineers, Applications	80	100	20	25.0	0
15-1032	Computer Software Engineers, Systems Software	30	30	0	0.0	0
15-1041	Computer Support Specialists	150	180	30	20.0	0
15-1051	Computer Systems Analysts	130	160	30	23.1	0
15-1061	Database Administrators	20	30	10	50.0	0
15-1071	Network & Computer Systems Administrators	110	140	30	27.3	0
15-1081	Network Systems & Data Communications Analysts	40	50	10	25.0	0
15-1099	Computer Specialists, All Other	20	20	0	0.0	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	10	10	0	0.0	0
17-0000	Architecture & Engineering Occupations	510	560	50	9.8	10
17-1011	Architects, Except Landscape & Naval	10	20	10	100.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	10	10	0	0.0	0
17-1022	Surveyors	10	10	0	0.0	0
17-2011	Aerospace Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	10	10	0	0.0	0
17-2051	Civil Engineers	50	50	0	0.0	
17-2071	Electrical Engineers	20	20	0	0.0	0
17-2072	Electronics Engineers, Except Computer	60	70	10	16.7	0
17-2081	Environmental Engineers Industrial Engineers	10 20	10	0	0.0 0.0	0
17-2112 17-2141	Mechanical Engineers	40	20 50	0 10	25.0	0
17-2141	Petroleum Engineers	20	20	0	0.0	0
17-2171	Engineers, All Other	30	30	0	0.0	0
17-2199	Architectural & Civil Drafters	20	20	0	0.0	0
17-3011	Mechanical Drafters	20	20	0	0.0	0
17-3013	Civil Engineering Technicians	70	80	10	14.3	0
17-3023	Electrical & Electronic Engineering Technicians	20	30	10	50.0	o O
17-3026	Industrial Engineering Technicians	10	10	0	0.0	0
17-3020	Mechanical Engineering Technicians	10	10	0	0.0	0
17-3027	Surveying & Mapping Technicians	20	20	0	0.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	20	20	0	0.0	0
19-0000	Life, Physical, & Social Science Occupations	410	450	40	9.8	0
19-1010	Agricultural & Food Scientists	10	10	0	0.0	0
19-1021	Biochemists & Biophysicists	10	10	0	0.0	0
19-1022	Microbiologists	10	10	0	0.0	0

	2012 Occupational C				ĺ	I II
		Average				Total
SOC	<u> </u>	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·					
19-1042	Medical Scientists, Except Epidemiologists	10	10	0	0.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	20	30	10	50.0	0
19-2041	Environmental Scientists & Specialists, Including Health	30	30	0	0.0	0
19-2042	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-3021	Market Research Analysts	40	50	10	25.0	0
19-3022	Survey Researchers	10	20	10	100.0	0
19-3031	Clinical, Counseling, & School Psychologists	80	90	10	12.5	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	10	10	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	30	30	0	0.0	0
19-4041	Geological & Petroleum Technicians	30	40	10	33.3	0
19-4091	Environmental Science & Protection Technicians, Including	20	20	0	0.0	0
40 4000	Health	20	20	0	0.0	0
19-4093	Forest & Conservation Technicians	10 20	10 20	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	20	20	0	0.0	0
21-0000	Community & Social Services Occupations	1,410	1,660	250	17.7	50
21-1011	Substance Abuse & Behavioral Disorder Counselors	20	20	0	0.0	0
21-1012	Educational, Vocational, & School Counselors	120	130	10	8.3	0
21-1013	Marriage & Family Therapists	20	20	0	0.0	0
21-1014	Mental Health Counselors	40	40	0	0.0	0
21-1015	Rehabilitation Counselors	90	110	20	22.2	0
21-1021	Child, Family, & School Social Workers	90	110	20	22.2	0
21-1022	Medical & Public Health Social Workers	90	110	20	22.2	0
21-1023	Mental Health & Substance Abuse Social Workers	90	100	10	11.1	0
21-1091	Health Educators	10	20	10	100.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	70	70	0	0.0	0
21-1093	Social & Human Service Assistants	270	340	70	25.9	20
21-2011	Clergy	320	370	50	15.6	20
21-2021	Directors, Religious Activities & Education	70	90	20	28.6	0
21-9099	Counselors, Social, & Religious Workers, All Other	110	130	20	18.2	0
23-0000	Legal Occupations	390	460	70	17.9	10
23-1011	Lawyers	190	230	40	21.1	0
23-1023	Judges, Magistrate Judges, & Magistrates	30	30	0	0.0	Ö
23-2011	Paralegals & Legal Assistants	80	100	20	25.0	Ö
23-2091	Court Reporters	10	10	0	0.0	0
23-2092	Law Clerks	10	10	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	20	20	0	0.0	0
23-9099	Legal & Related Workers, All Other	50	50	0	0.0	0
25 0000	Education Training 9 Library Occupations	4 000	6 000	4 200	24.5	200
<b>25-0000</b> 25-1011	Education, Training, & Library Occupations Business Teachers, Postsecondary	<b>4,890</b>	6,090	1,200	<b>24.5</b> 50.0	200
25-1011	Computer Science Teachers, Postsecondary	40 30	60 40	20 10	33.3	0
25-1021 25-1022	Mathematical Science Teachers, Postsecondary	30 40	50	10	25.0	0 0
25-1022 25-1031	Architecture Teachers, Postsecondary	10	10	_	25.0	
25-1031 25-1032	Engineering Teachers, Postsecondary	30	30	0	0.0	0
25-1032 25-1041	Agricultural Sciences Teachers, Postsecondary	20	20	0	0.0	0
25-1041	Biological Science Teachers, Postsecondary	30	40	10	33.3	0 0
25-1042 25-1052	Chemistry Teachers, Postsecondary	10	10	0	0.0	0
20-1002	Onemistry reactions, rustacoulluary	10	10	U	0.0	ı

		Average Annual				Total
SOC	_	Employı	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	20	30	10	50.0	0
25-1067	Sociology Teachers, Postsecondary	10	10	0	0.0	0
25-1071	Health Specialties Teachers, Postsecondary	30	40	10	33.3	0
25-1072	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1081	Education Teachers, Postsecondary	30	30	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers,					
	Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	50	70	20	40.0	0
25-1122	Communications Teachers, Postsecondary	20	20	0	0.0	0
25-1123	English Language & Literature Teachers, Postsecondary	40	60	20	50.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	20	30	10	50.0	0
25-1125	History Teachers, Postsecondary	20	20	0	0.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	10	10	0	0.0	0
25-1191	Graduate Teaching Assistants	10	20	10	100.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondar	20	20	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	60	70	10	16.7	0
25-1199	Postsecondary Teachers, All Other	110	140	30	27.3	0
25-2011	Preschool Teachers, Except Special Education	80	100	20	25.0	0
25-2012	Kindergarten Teachers, Except Special Education	100	130	30	30.0	0
25-2021	Elementary School Teachers, Except Special Education	1,120	1,320	200	17.9	50
25-2022	Middle School Teachers, Except Special & Vocational Education	520	590	70	13.5	20
25-2023	Vocational Education Teachers, Middle School	10	10	0	0.0	0
25-2023	Secondary School Teachers, Except Special & Vocational	10	10	U	0.0	
20 2001	Education	770	940	170	22.1	40
25-2032	Vocational Education Teachers, Secondary School	110	130	20	18.2	0
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
_0 _0	Elementary School	170	220	50	29.4	10
25-2042	Special Education Teachers, Middle School	70	100	30	42.9	0
25-2043	Special Education Teachers, Secondary School	120	160	40	33.3	0
25-3011	Adult Literacy, Remedial Education, & GED Teachers &					
	Instructors	40	50	10	25.0	0
25-3021	Self-Enrichment Education Teachers	70	90	20	28.6	0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	390	570	180	46.2	30
25-4010	Archivists, Curators, & Museum Technicians	10	20	10	100.0	0
25-4021	Librarians	110	120	10	9.1	0
25-4031	Library Technicians	80	100	20	25.0	0
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	50	70	20	40.0	0
25-9041	Teacher Assistants	310	390	80	25.8	20
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	890	1,010	120	13.5	10
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	10	10	0	0.0	0
27-1021	Commercial & Industrial Designers	10	10	0	0.0	0
27-1023	Floral Designers	90	100	10	11.1	0

	·	Average Annual  Employment <sup>1</sup> Projected Change			Ohana	Total
SOC						Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
27-1024	Graphic Designers	50	70	20	40.0	0
27-1025	Interior Designers	20	20	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	10	20	10	100.0	0
27-1099	Art & Design Workers, All Other	30	30	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	140	170	30	21.4	0
27-2023	Umpires, Referees, & Other Sports Officials	20	20	0	0.0	0
27-2032	Choreographers	20	20	0	0.0	0
27-2041	Music Directors & Composers	30	30	0	0.0	0
27-2042	Musicians & Singers	60	70	10	16.7	0
27-3010	Announcers	70	70	0	0.0	0
27-3020	News Analysts, Reporters & Correspondents	40	40	0	0.0	0
27-3031	Public Relations Specialists	70	90	20	28.6	0
27-3041	Editors	40	40	0	0.0	0
27-3042	Technical Writers	10	10	0	0.0	0
27-3043	Writers & Authors	40	40	0	0.0	0
27-3091	Interpreters & Translators	10	20	10	100.0	0
27-3099	Media & Communication Workers, All Other	10	10	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	30	30	0	0.0	0
27-4021	Photographers	30	40	10	33.3	0
27-4031	Camera Operators, Television, Video & Motion Picture	10	10	0	0.0	0
29-0000	Healthcare Practitioners & Technical Occupations	4,730	5,760	1,030	21.8	150
29-1011	Chiropractors	40	40	0	0.0	0
29-1020	Dentists	50	50	0	0.0	0
29-1031	Dietitians & Nutritionists	30	30	0	0.0	0
29-1041	Optometrists	20	20	0	0.0	0
29-1051	Pharmacists	120	150	30	25.0	0
29-1061	Anesthesiologists	40	40	0	0.0	0
29-1062	Family & General Practitioners	100	110	10	10.0	0
29-1063	Internists, General	30	30	0	0.0	0
29-1064	Obstetricians & Gynecologists	20	20	0	0.0	0
29-1065	Pediatricians, General	30	30	0	0.0	0
29-1066	Psychiatrists	30	40	10	33.3	0
29-1067	Surgeons	70	70	0	0.0	0
29-1069	Physicians & Surgeons, All Other	40	40	0	0.0	0
29-1071	Physician Assistants	30	40	10	33.3	0
29-1111	Registered Nurses	1,880	2,390	510	27.1	90
29-1122	Occupational Therapists	60	80	20	33.3	0
29-1123	Physical Therapists	90	110	20	22.2	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	20	20	0	0.0	0
29-1126	Respiratory Therapists	100	140	40	40.0	0
29-1127	Speech-Language Pathologists	70	90	20	28.6	0
29-1131	Veterinarians	50	50	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	30	30	0	0.0	0
29-2011	Medical & Clinical Laboratory Technologist	140	160	20	14.3	0
29-2012	Medical & Clinical Laboratory Technicians	100	120	20	20.0	0
29-2021	Dental Hygienists	60	90	30	50.0	0
29-2031	Cardiovascular Technologists & Technicians	40	50	10	25.0	0
29-2032	Diagnostic Medical Sonographers	30	30	0	0.0	0

		Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	120	140	20	16.7	0
29-2041	Emergency Medical Technicians & Paramedics	200	230	30	15.0	ő
29-2051	Dietetic Technicians	20	30	10	50.0	ő
29-2052	Pharmacy Technicians	100	130	30	30.0	0
29-2053	Psychiatric Technicians	20	20	0	0.0	0
29-2054	Respiratory Therapy Technicians	20	30	10	50.0	0
29-2055	Surgical Technologists	50	70	20	40.0	0
29-2056	Veterinary Technologists & Technicians	20	30	10	50.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	540	610	70	13.0	20
29-2071	Medical Records & Health Information Technicians	150	210	60	40.0	10
29-2081	Opticians, Dispensing	60	60	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	20	30	10	50.0	0
29-9091	Athletic Trainers	10	10	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	60	70	10	16.7	0
31-0000	Healthcare Support Occupations	3,010	3,730	720	23.9	100
31-1011	Home Health Aides	270	340	70	25.9	10
31-1012	Nursing Aides, Orderlies, & Attendants	2,010	2,450	440	21.9	70
31-1013	Psychiatric Aides	100	110	10	10.0	0
31-2011	Occupational Therapist Assistants	10	20	10	100.0	0
31-2021	Physical Therapist Assistants	70	90	20	28.6	0
31-2022	Physical Therapist Aides	30	40	10	33.3	0
31-9011	Massage Therapists	10	10	0	0.0	0
31-9091	Dental Assistants	120	170	50	41.7	10
31-9092	Medical Assistants	150	210	60	40.0	10
31-9093	Medical Equipment Preparers	40 60	50 70	10 10	25.0 16.7	0
31-9094 31-9095	Medical Transcriptionists Pharmacy Aides	30	30	0	0.0	0
31-9095	Veterinary Assistants & Laboratory Animal Caretakers	50 50	60	10	20.0	0
31-9090	Healthcare Support Workers, All Other	60	80	20	33.3	0
33-0000	Protective Service Occupations	1,630	1,840	210	12.9	60
33-1011	First-Line Supervisors/Managers of Correctional Officers First-Line Supervisors/Managers of Police & Detectives	20	20	0	0.0	0
33-1012 33-1021	First-Line Supervisors/Managers of Fire Fighting &	120	130	10	8.3	0
00 1021	Prevention Workers	50	60	10	20.0	0
33-1099	First-Line Supervisors/Managers, Protective Service			. •	_0.0	
	Workers, All Other	10	10	0	0.0	0
33-2011	Fire Fighters	230	260	30	13.0	10
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	310	340	30	9.7	10
33-3021	Detectives & Criminal Investigators	50	50	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	470	530	60	12.8	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9032	Security Guards	200	220	20	10.0	0
33-9091	Crossing Guards	30	40	10	33.3	0
33-9099	Protective Service Workers, All Other	110	130	20	18.2	10
35-0000	Food Preparation & Serving Related Occupations	5,970	6,910	940	15.7	330
35-1011	Chefs & Head Cooks	60	70	10	16.7	0
35-1012	First-Line Supervisors/Managers of Food Preparation &					
	Serving Workers	520	610	90	17.3	20

	·	Average .		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
35-2011	Cooks, Fast Food	420	460	40	9.5	10
35-2012	Cooks, Institution & Cafeteria	560	570	10	1.8	20
35-2014	Cooks, Restaurant	320	380	60	18.8	20
35-2015	Cooks, Short Order	150	170	20	13.3	10
35-2021	Food Preparation Workers	600	700	100	16.7	30
35-3011	Bartenders	220	240	20	9.1	10
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	1,150	1,440	290	25.2	80
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	210	240	30	14.3	10
35-3031	Waiters & Waitresses	1,090	1,280	190	17.4	80
35-3041	Food Servers, Nonrestaurant	140	160	20	14.3	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	130	150	20	15.4	10
35-9021	Dishwashers	220	240	20	9.1	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	140	160	20	14.3	0
35-9099	Food Preparation & Serving Related Workers, All Other	40	40	0	0.0	0
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	2,740	3,290	550	20.1	110
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	130	160	30	23.1	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn					
37-2011	Service, & Groundskeeping Workers Janitors & Cleaners, Except Maids & Housekeeping	50	60	10	20.0	0
	Cleaners	1,140	1,370	230	20.2	40
37-2012	Maids & Housekeeping Cleaners	790	950	160	20.3	40
37-2021	Pest Control Workers	20	20	0	0.0	0
37-3011	Landscaping & Groundskeeping Workers	550	660	110	20.0	20
37-3012 37-9099	Pesticide Handlers, Sprayers, & Applicators, Vegetation Building & Grounds Cleaning & Maintenance Workers, All	50	60	10	20.0	0
	Other	10	10	0	0.0	0
39-0000	Personal Care & Service Occupations	1,960	2,290	330	16.8	60
39-1012 39-1021	Slot Key Persons First-Line Supervisors/Managers of Personal Service	10	10	0	0.0	0
	Workers	80	90	10	12.5	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	40	50	10	25.0	0
39-3011	Gaming Dealers	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	50	50	0	0.0	0
39-3091	Amusement & Recreation Attendants	90	110	20	22.2	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	10	10	0	0.0	0
39-3199	Gaming Workers, All Other	20	20	0	0.0	0
39-4011	Embalmers	30	30	0	0.0	0
39-4021	Funeral Attendants	10	10	0	0.0	0
39-5011	Barbers	40	40	0	0.0	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists	280	290	10	3.6	10
39-5092	Manicurists & Pedicurists	10	10	0	0.0	0
39-5093	Shampooers	10	10	0	0.0	0
39-5094	Skin Care Specialists	20	20	0	0.0	0
39-6011	Baggage Porters & Bellhops  Transportation Attendants Expent Flight Attendants &	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	20	20	0	0.0	0

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
39-9011	Child Care Workers	380	440	60	15.8	20
39-9021	Personal & Home Care Aides	550	690	140	25.5	20
39-9031	Fitness Trainers & Aerobics Instructors	80	110	30	37.5	0
39-9032	Recreation Workers	150	180	30	20.0	Ö
39-9041	Residential Advisors	30	40	10	33.3	Ö
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
41-0000	Sales & Related Occupations	7,170	8,030	860	12.0	310
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	730	820	90	12.3	20
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	180	200	20	11.1	0
41-2011	Cashiers	2,120	2,450	330	15.6	130
41-2012	Gaming Change Persons & Booth Cashiers	10	10	0	0.0	0
41-2021	Counter & Rental Clerks	130	160	30	23.1	10
41-2022	Parts Salespersons	180	180	0	0.0	10
41-2031	Retail Salespersons	1,690	1,910	220	13.0	80
41-3011	Advertising Sales Agents	80	90	10	12.5	0
41-3021	Insurance Sales Agents	550	560	10	1.8	10
41-3031	Securities, Commodities, & Financial Services Sales					
	Agents	70	70	0	0.0	0
41-3041	Travel Agents	10	10	0	0.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing,					
	Technical & Scientific Products	120	140	20	16.7	0
41-4012	Sales Representatives, Wholesale & Manufacturing,					
	Except Technical & Scientific Products	650	730	80	12.3	30
41-9011	Demonstrators & Product Promoters	30	30	0	0.0	0
41-9021	Real Estate Brokers	80	80	0	0.0	0
41-9022	Real Estate Sales Agents	220	220	0	0.0	0
41-9031	Sales Engineers	10	10	0	0.0	0
41-9041	Telemarketers	120	120	0	0.0	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &	4.0			4000	
	Related Workers	10	20	10	100.0	0
41-9099	Sales & Related Workers, All Other	180	220	40	22.2	0
43-0000	Office & Administrative Support Occupations	10,670	11,440	770	7.2	290
43-1011	First-Line Supervisors/Managers of Office & Administrative					
	Support Workers	710	750	40	5.6	20
43-2011	Switchboard Operators, Including Answering Service	100	100	0	0.0	0
43-3011	Bill & Account Collectors	170	210	40	23.5	0
43-3021	Billing & Posting Clerks & Machine Operators	280	300	20	7.1	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,080	1,150	70	6.5	30
43-3051	Payroll & Timekeeping Clerks	100	100	0	0.0	0
43-3061	Procurement Clerks	30	30	0	0.0	0
43-3071	Tellers	470	510	40	8.5	20
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Court Municipal & License Clorks	10	10	0	0.0	0
43-4031	Court, Municipal, & License Clerks	100	100	0	0.0	0
43-4041	Credit Authorizers, Checkers, & Clerks Customer Service Representatives	20 810	10	-10	-50.0	0
43-4051 43-4061	·	810 40	960	150	18.5	30
43-4061	Eligibility Interviewers, Government Programs File Clerks	110	40 100	0 -10	0.0 -9.1	0
43-4071	Hotel, Motel, & Resort Desk Clerks	160	200	40	-9.1 25.0	0 10
43-4111	Interviewers, Except Eligibility & Loan	110	140	30	27.3	0
70 TIII	into nono, except engionity a Louin	110	170	50	۷.۰	ı

	•	Average Annual			0.	Total
SOC		Employi	ment'	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
43-4121	Library Assistants, Clerical	100	110	10	10.0	0
43-4131	Loan Interviewers & Clerks	90	70	-20	-22.2	0
43-4141	New Accounts Clerks	70	80	10	14.3	0
43-4151	Order Clerks	120	100	-20	-16.7	0
43-4161	Human Resources Assistants, Except Payroll &					
	Timekeeping	50	60	10	20.0	0
43-4171	Receptionists & Information Clerks	430	530	100	23.3	20
43-4181	Reservation & Transportation Ticket Agents & Travel					_
	Clerks	30	40	10	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	100	100	0	0.0	0
43-5011	Cargo & Freight Agents	30	40	10	33.3	0
43-5021	Couriers & Messengers	40	40	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	100	110	10	10.0	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	50 50	60	10	20.0	0
43-5041	Meter Readers, Utilities Postal Service Clerks	50 50	50	0	0.0	0
43-5051 43-5052	Postal Service Clerks  Postal Service Mail Carriers	50 230	60 290	10 60	20.0 26.1	0 20
43-5052	Postal Service Mail Sorters, Processors, & Processing	230	290	60	20.1	20
43-3033	Machine Operators	110	130	20	18.2	0
43-5061	Production, Planning, & Expediting Clerks	80	100	20	25.0	Ö
43-5071	Shipping, Receiving, & Traffic Clerks	260	270	10	3.8	10
43-5081	Stock Clerks & Order Fillers	680	650	-30	-4.4	30
43-5111	Weighers, Measurers, Checkers, & Samplers,					
	Recordkeeping	30	40	10	33.3	0
43-6011	Executive Secretaries & Administrative Assistants	730	780	50	6.8	20
43-6012	Legal Secretaries	90	110	20	22.2	0
43-6013	Medical Secretaries	120	130	10	8.3	0
43-6014	Secretaries, Except Legal, Medical, & Executive	960	940	-20	-2.1	20
43-9011	Computer Operators	50	40	-10	-20.0	0
43-9021	Data Entry Keyers	140	120	-20	-14.3	0
43-9022	Word Processors & Typists	30	30	0	0.0	0
43-9031	Desktop Publishers	10	10	0	0.0	0
43-9041	Insurance Claims & Policy Processing Clerks	40	40	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
40.0004	Service	50	50	0	0.0	0
43-9061	Office Clerks, General	1,360	1,450	90	6.6	40
43-9071	Office Machine Operators, Except Computer	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office	60	70	10	16.7	
	Support Workers, All Other	60	70	10	16.7	0
45-0000	Farming, Fishing, & Forestry Occupations	1,510	1,760	250	16.6	60
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &					
	Forestry Workers	60	70	10	16.7	0
45-2011	Agricultural Inspectors	10	10	0	0.0	0
45-2021	Animal Breeders	10	10	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	70	80	10	14.3	0
45-2091	gricultural Equipment Operators	250	300	50	20.0	20
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	840	980	140	16.7	30
45-2093	Farmworkers, Farm & Ranch Animals	150	180	30	20.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	120	130	10	8.3	0

		Average				Total
SOC	_	Employi	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
47-0000	Construction & Extraction Occupations	3,460	4,170	710	20.5	120
47-1011	First-Line Supervisors/Managers of Construction Trades &	·	·			
	Extraction Workers	380	440	60	15.8	20
47-2021	Brickmasons & Blockmasons	30	30	0	0.0	0
47-2022	Stonemasons	10	10	0	0.0	0
47-2031	Carpenters	360	420	60	16.7	20
47-2041	Carpet Installers	30	30	0	0.0	0
47-2042 47-2044	Floor Layers, Except Carpet, Wood, & Hard Tiles Tile & Marble Setters	10 10	10 10	0	0.0 0.0	0
47-2044 47-2051	Cement Masons & Concrete Finishers	90	120	0 30		0 0
47-2051	Construction Laborers	410	490	80		20
47-2071	Paving, Surfacing, & Tamping Equipment Operators	70	80	10	14.3	0
47-2073	Operating Engineers & Other Construction Equipment	70	00	10	1 1.0	Ŭ
0.0	Operators	410	470	60	14.6	20
47-2081	Drywall & Ceiling Tile Installers	10	10	0	0.0	0
47-2111	Electricians	160	200	40	25.0	0
47-2121	Glaziers	20	20	0	0.0	0
47-2130	Insulation Workers	10	10	0	0.0	0
47-2141	Painters, Construction & Maintenance	80	80	0	0.0	0
47-2151	Pipelayers	30	30	0	0.0	0
47-2152	Plumbers, Pipefitters, & Steamfitters	170	200	30	17.6	0
47-2161	Plasterers & Stucco Masons	10	10	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	10	10	0	0.0	0
47-2181	Roofers	60	80	20	33.3	0
47-2211	Sheet Metal Workers	60	70	10	16.7	0
47-2221	Structural Iron & Steel Workers	10	20	10	100.0	0
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	20	30	10	50.0	0
47-3012	HelpersCarpenters	50 50	60	10	20.0	0
47-3012	HelpersElectricians	20	30	10	50.0	0
47-3013	HelpersPainters, Paperhangers, Plasterers, & Stucco	10	10	0	0.0	Ö
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	30	30	0	0.0	Ö
47-3016	HelpersRoofers	10	10	0	0.0	Ö
47-3019	Helpers, Construction Trades, All Other	10	10	0	0.0	0
47-4011	Construction & Building Inspectors	30	30	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	10	20	10	100.0	0
47-4051	Highway Maintenance Workers	120	140	20	16.7	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	10	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	20	10	100.0	0
47-4999	Construction Trades & Related Workers, All Other	10	10	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	90	120	30	33.3	0
47-5012	Rotary Drill Operators, Oil & Gas	150	200	50		10
47-5013	Service Unit Operators, Oil, Gas, & Mining	120	170	50		10
47-5071 47-5081	Roustabouts, Oil & Gas HelpersExtraction Workers	170 120	230 160	60 40	35.3 33.3	20 0
47-5091	Extraction Workers, All Other	20	20	0	0.0	0
<b>49-0000</b> 49-1011	Installation, Maintenance, & Repair Occupations First-Line Supervisors/Managers of Mechanics, Installers,	2,820	3,280	460		100
	& Repairers	270	310	40		10
49-2011	Computer, Automated Teller, & Office Machine Repairers	70	70	0	0.0	0

200		Average Annual Employment <sup>1</sup> Projected Change		Total Annual		
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-2022	Telecommunications Equipment Installers & Repairers,					
	Except Line Installers	40	40	0	0.0	0
49-2091	Avionics Technicians	40	50	10	25.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	20	20	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers,					
	Transportation Equipment	10	10	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial					
	Equipment	10	10	0	0.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse,					
	Substation, & Relay	20	20	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers &					
	Repairers	40	40	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	30	40	10	33.3	0
49-3021	Automotive Body & Related Repairer	120	140	20	16.7	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	420	490	70	16.7	20
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	190	220	30	15.8	10
49-3041	Farm Equipment Mechanics	50	60	10	20.0	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	100	110	10	10.0	0
49-3043	Rail Car Repairers	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	10	10	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine					
	Mechanics	20	20	0	0.0	0
49-3092	Recreational Vehicle Service Technicians	10	10	0	0.0	0
49-3093	Tire Repairers & Changers	160	170	10	6.3	10
49-9012	Control & Valve Installers & Repairers, Except Mechanical					
	Door	10	20	10	100.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &					_
	Installers	90	110	20	22.2	0
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	100	120	20	20.0	0
49-9042	Maintenance & Repair Workers, General	620	740	120	19.4	20
49-9043	Maintenance Workers, Machinery	40	40	0	0.0	0
49-9044	Millwrights	10	20	10	100.0	0
49-9051	Electrical Power-Line Installers & Repairers	120	130	10	8.3	0
49-9052	Telecommunications Line Installers & Repairers	30	40	10	33.3	0
49-9062	Medical Equipment Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers &	40	00	40	400.0	
40,0005	Repairers Manufactured Building & Mahila Hama Installars	10	20	10	100.0	0
49-9095	Manufactured Building & Mobile Home Installers	10	10	0	0.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	50 30	60 40	10	20.0	0 0
49-9099	Installation, Maintenance, & Repair Workers, All Other	30	40	10	33.3	U U
51-0000	Production Occupations	4,010	4,240	230	5.7	50
51-1011	First-Line Supervisors/Managers of Production &					
	Operating Workers	310	350	40	12.9	10
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems					
	Assemblers	10	10	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	40	40	0	0.0	0
51-2031	Engine & Other Machine Assemblers	20	20	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	30	30	0	0.0	0

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
51-2092	Team Assemblers	540	520	-20	-3.7	10
51-2099	Assemblers & Fabricators, All Other	50	50	0	0.0	0
51-3011	Bakers	50	60	10	20.0	0
51-3021	Butchers & Meat Cutters	70	70	0	0.0	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	120	130	10	8.3	0
51-3023	Slaughterers & Meat Packers	120	130	10	8.3	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine					
	Operators & Tenders	10	10	0	0.0	0
51-3092	Food Batchmakers	30	30	0	0.0	0
51-3093	Food Cooking Machine Operators & Tenders	20	20	0	0.0	0
51-3099	Food Processing Workers, All Other	20	20	0	0.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal &					
	Plastic	50	50	0	0.0	0
51-4012	Numerical Tool & Process Control Programmers	10	10	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &					
	Tenders, Metal & Plastic	70	60	-10	-14.3	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &	40	40	0	0.0	
54 4000	Plastic	40	40	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &	40	40	0	0.0	
51-4031	Plastic Cutting Bunching & Bross Machine Settors Operators &	10	10	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	
51-4032	Drilling & Boring Machine Tool Setters, Operators, &	00	60	U	0.0	0
31-4032	Tenders, Metal & Plastic	10	10	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool	10	10	U	0.0	
31 4000	Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	о
51-4034	Lathe & Turning Machine Tool Setters, Operators, &	20	20	J	0.0	Ĭ
01 1001	Tenders, Metal & Plastic	20	20	0	0.0	О
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,					
	Metal & Plastic	10	10	0	0.0	0
51-4041	Machinists	150	160	10	6.7	0
51-4072	Molding, Coremaking, & Casting Machine Setters,					
	Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,					
	Metal & Plastic	20	30	10	50.0	0
51-4111	Tool & Die Makers	10	20	10	100.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	230	260	30	13.0	10
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,					_
	Metal & Plastic	10	10	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	10	10	0	0.0	0
51-5011	Bindery Workers	20	10	-10	-50.0	0
51-5021	Job Printers	20	20	0	0.0	0
51-5022	Prepress Technicians & Workers	30	30	0	0.0	0
51-5023	Printing Machine Operators	50 160	50 100	0	0.0 18.8	0
51-6011	Laundry & Dry-Cleaning Workers  Property Toytile Corment & Poleted Meterials	160	190	30		0
51-6021 51-6031	Pressers, Textile, Garment, & Related Materials Sewing Machine Operators	10 40	10 40	0	0.0 0.0	0 0
51-6051	Tailors, Dressmakers, & Custom Sewers	10	10	0	0.0	0
51-6052	Upholsterers	10	10	0	0.0	0
51-6093	Textile, Apparel, & Furnishings Workers, All Other	10	10	0	0.0	
01 0000	. J	10	10	J	5.0	ı '

Code			Average Annual  Employment <sup>1</sup> Projected Change				Total
S1-7011   Cabinetmakers & Bench Carpenters   70   80   10   14.3   0   0   0   0   0   0   0   0   0		Occupational Title					_
51-7704   Furniture Finishers   30   30   0   0.0   0   0   0   0   0   0   0		·					
51-7041							
51-7042   Woodworking Machine Setters, Operators, & Tenders   Except Sawing   So   50   0   0   0   0   0   0   0   0							
Except Sawing		·	20	20	U	0.0	0
51-8012   Power Distributors & Dispatchers   10	31-7042	•	50	50	0	0.0	0
Satisfied   Stationary Engineers & Boiler Operators   20   20   20   0   0.0   0.0	51-8012						
Sationary Engineers & Boiler Operators   20   20   0   0.0   0   0   0   0   0   0   0		•					
Sample		•					
S1-8091   Chemical Plant & System Operators   40   40   0   0.0		· ·					
S1-8092   Gas Plant Operators   20   20   0   0.0   0   0   51-8093   Petroleum Pump System Operators, Refinery Operators, & Gaugers   70   80   10   14.3   0   0   51-8099   Plant & System Operators, All Other   10   10   10   0   0   0   0   0   0		Operators	80	100	20	25.0	0
St-8093   Petroleum Pump System Operators, Refinery Operators, & Gaugers Gaugers Gaugers Gaugers   10 10 10 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	51-8091	Chemical Plant & System Operators	40	40	0	0.0	0
Gaugers 70 80 10 14.3 0 51-8099 Plant & System Operators, All Other 10 0 0 0 0 0 0 51-9011 Chemical Equipment Operators & Tenders 20 20 0 0 0.0 0 0 51-9012 Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders 20 20 0 0 0 0 0 0 0 51-9021 Crushing, Ginding, & Polishing Machine Setters, Operators, & Tenders 30 30 0 0 0 0 0 0 51-9022 Griding & Polishing Machine Setters, Operators, & Tenders 90 80 -10 -11.1 0 0 51-9023 Mixing & Blending Machine Setters, Operators, & Tenders 90 80 -10 -11.1 0 0 51-9031 Cutters & Trimmers, Hand 10 10 0 0 0 0 0 51-9031 Cutters & Trimmers, Hand 10 10 0 0 0.0 0 51-9031 Cutters & Trimmers, Hand 10 10 0 0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	51-8092	Gas Plant Operators	20	20	0	0.0	0
Plant & System Operators, All Other   10   10   0   0.0   0   0   0   51-9011   Chemical Equipment Operators & Tenders   20   20   20   0   0.0   0   0   0   0   0   0   0	51-8093	Petroleum Pump System Operators, Refinery Operators, &					
S1-9011   Chemical Equipment Operators & Tenders   20   20   0   0.0   0   0   0   0   0   0   0			70	80	10	14.3	0
Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders   20   20   0   0.0   0   0   0   0   0   0   0	51-8099		10	10	0	0.0	0
Machine Setters, Operators, & Tenders   20   20   0   0.0   0   0   51-9021   Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders   30   30   0   0.0   0   0   51-9022   Grinding & Polishing Workers, Hand   20   20   0   0.0   0   0   51-9023   Mixing & Blending Machine Setters, Operators, & Tenders   90   80   -10   -11.1   0   0   0   0   0   0   0   0   0		· · ·	20	20	0	0.0	0
St-9021   Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders   30   30   0   0.0   0   0   0   0   0   0   0	51-9012						
Operators, & Tenders   30   30   0   0.0   0   51-9022   Grinding & Polishing Workers, Hand   20   20   0   0.0   0   0   0   0   0   0   0		·	20	20	0	0.0	0
51-9022         Grinding & Polishing Workers, Hand         20         20         0         0.0         0           51-9032         Mixing & Blending Machine Setters, Operators, & Tenders         90         80         -10         -11.1         0           51-9031         Cutters & Trimmers, Hand         10         10         0         0.0         0           51-9032         Cutting & Slicing Machine Setters, Operators, & Tenders         10         20         10         100.0         0           51-9041         Extructing, Forming, Pressing, & Compacting Machine         5         20         10         100.0         0           51-9041         Inspectors, Festers, Sorters, Samplers, & Weighers         170         200         30         17.6         0           51-9071         Jewelers & Precious Stone & Metal Workers         10         10         0         0.0         0           51-9081         Dental Laboratory Technicians         30         30         0         0.0         0           51-9121         Dental Laboratory Technicians         20         10         -10         -50.0         0           51-9121         Coating, Painting, & Spraying Machine Setters, Operators         40         50         10         25.0         0	51-9021						_
St-9023   Mixing & Blending Machine Setters, Operators, & Tenders   90   80   -10   -11.1   0   0   0.9   0   0   0   0   0   0   0   0   0		•					
Sti-9031   Cutters & Trimmers, Hand   10   10   10   0   0.0   0   0   0   0   0   0   0							
S1-9032		•					
Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders   10   10   0   0.0   0   0   0   0   0   0   0							
Setters, Operators, & Tenders		· · · · · · · · · · · · · · · · · · ·	10	20	10	100.0	0
1-9061   Inspectors, Testers, Sorters, Samplers, & Weighers   170   200   30   17.6   0   51-9071   Jewelers & Precious Stone & Metal Workers   10   10   0   0.0   0   0   51-9081   Dental Laboratory Technicians   30   30   0   0.0   0   0   51-9081   Ophthalmic Laboratory Technicians   20   10   -10   -50.0   0   0   51-9111   Packaging & Filling Machine Operators & Tenders   140   160   20   14.3   0   0   0   0   0   0   0   0   0	51-9041		40	4.0	•	0.0	
51-9071   Jewelers & Precious Stone & Metal Workers   10   10   0   0.0   0   51-9081   Dental Laboratory Technicians   30   30   30   0   0.0   0   51-9083   Ophthalmic Laboratory Technicians   20   10   -10   -50.0   0   51-9111   Packaging & Filling Machine Operators & Tenders   140   160   20   14.3   0   51-9121   Coating, Painting, & Spraying Machine Setters, Operators, & Tenders   40   50   10   25.0   0   51-9122   Painters, Transportation Equipment   20   20   0   0.0   0   51-9123   Painting, Coating, & Decorating Workers   10   10   0   0.0   0   51-9131   Photographic Process Workers   10   10   0   0.0   0   51-9132   Photographic Processing Machine Operators   20   20   0   0.0   0   51-9192   Cleaning, Washing, & Metal Pickling Equipment Operators   20   20   0   0.0   0   51-9197   Tire Builders   10   10   0   0.0   0   0   51-9198   HelpersProduction Workers   140   150   10   7.1   0   51-9198   HelpersProduction Workers   140   150   10   7.1   0   53-0000   Transportation & Material Moving Occupations   4,810   5,350   540   11.2   130   53-1021   First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand   90   100   10   11.1   0   53-1031   First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators   160   180   20   12.5   0   53-2021   Ambulance Drivers & Attendants, Except Emergency   Medical Technicians   10   10   0   0.0   0	54 0004						
Dental Laboratory Technicians   30   30   0   0.0   0   0   51-9083   Ophthalmic Laboratory Technicians   20   10   -10   -50.0   0   0   51-9111   Packaging & Filling Machine Operators & Tenders   140   160   20   14.3   0   0   51-9121   Coating, Painting, & Spraying Machine Setters, Operators, & Tenders   40   50   10   25.0   0   0   0   0   0   0   0   0   0		· · · · · · · · · · · · · · · · · · ·					
51-9083   Ophthalmic Laboratory Technicians   20   10   -10   -50.0   0							
51-9111       Packaging & Filling Machine Operators & Tenders       140       160       20       14.3       0         51-9121       Coating, Painting, & Spraying Machine Setters, Operators, & Tenders       40       50       10       25.0       0         51-9122       Painters, Transportation Equipment       20       20       0       0.0       0         51-9123       Painting, Coating, & Decorating Workers       10       10       0       0.0       0         51-9131       Photographic Process Workers       10       10       0       0.0       0         51-9132       Photographic Processing Machine Operators       20       20       0       0.0       0         51-9132       Photographic Process Workers       10       10       0       0.0       0         51-9132       Photographic Process Workers       10       10       0       0.0       0         51-9192       Cleaning, Washing, & Metal Pickling Equipment Operators       10       10       0       0.0       0         51-9197       Tire Builders       10       10       0       0.0       0       0         51-9198       HelpersProduction Workers, All Other       120       130       10       8.3							
51-9121 Coating, Painting, & Spraying Machine Setters, Operators, & Tenders							
& Tenders       40       50       10       25.0       0         51-9122       Painters, Transportation Equipment       20       20       0       0.0       0         51-9123       Painting, Coating, & Decorating Workers       10       10       0       0.0       0         51-9131       Photographic Process Workers       10       10       0       0.0       0         51-9132       Photographic Processing Machine Operators       20       20       0       0.0       0         51-9132       Cleaning, Washing, & Metal Pickling Equipment Operators       20       20       0       0.0       0         51-9192       Cleaning, Washing, & Metal Pickling Equipment Operators       10       10       0       0.0       0         51-9193       Trie Builders       10       10       0       0.0       0       0         51-9194       HelpersProduction Workers       140       150       10       7.1       0         51-9199       Production Workers, All Other       120       130       10       8.3       0         53-0000       Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021 <td></td> <td></td> <td>140</td> <td>100</td> <td>20</td> <td>14.3</td> <td>0</td>			140	100	20	14.3	0
Painters, Transportation Equipment   20   20   0   0.0   0   0   0   0   0   0   0	31-9121		40	50	10	25.0	0
51-9123       Painting, Coating, & Decorating Workers       10       10       0       0.0       0         51-9131       Photographic Process Workers       10       10       0       0.0       0         51-9132       Photographic Processing Machine Operators       20       20       0       0.0       0         51-9192       Cleaning, Washing, & Metal Pickling Equipment Operators       8       Tenders       10       10       0       0.0       0         51-9197       Tire Builders       10       10       0       0.0       0       0         51-9198       HelpersProduction Workers       140       150       10       7.1       0         51-9199       Production Workers, All Other       120       130       10       8.3       0         53-0000       Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021       First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand       90       100       10       11.1       0         53-1031       First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021	51-9122						
51-9131       Photographic Process Workers       10       10       0       0.0       0         51-9132       Photographic Processing Machine Operators       20       20       0       0.0       0         51-9192       Cleaning, Washing, & Metal Pickling Equipment Operators       10       10       0       0.0       0         51-9197       Tire Builders       10       10       0       0.0       0         51-9198       HelpersProduction Workers       140       150       10       7.1       0         51-9199       Production Workers, All Other       120       130       10       8.3       0         53-0000       Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021       First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand       90       100       10       11.1       0         53-1031       First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021       Air Traffic Controllers       10       10       0       0.0       0         53-3011       Ambulance Drivers & Attendants, Except Emergency Medical Technicia		· · · · · · · · · · · · · · · · · · ·					
51-9132         Photographic Processing Machine Operators         20         20         0         0.0         0           51-9192         Cleaning, Washing, & Metal Pickling Equipment Operators         10         10         0         0.0         0           51-9197         Tire Builders         10         10         0         0.0         0           51-9198         HelpersProduction Workers         140         150         10         7.1         0           51-9199         Production Workers, All Other         120         130         10         8.3         0           53-0000         Transportation & Material Moving Occupations         4,810         5,350         540         11.2         130           53-1021         First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand         90         100         10         11.1         0           53-1031         First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators         160         180         20         12.5         0           53-2021         Air Traffic Controllers         10         10         0         0.0         0           53-3011         Ambulance Drivers & Attendants, Except Emergency Medical Technicians         10         10		•			_		
51-9192 Cleaning, Washing, & Metal Pickling Equipment Operators         & Tenders       10       10       0       0.0       0         51-9197 Tire Builders       10       10       0       0.0       0         51-9198 HelpersProduction Workers       140       150       10       7.1       0         51-9199 Production Workers, All Other       120       130       10       8.3       0         53-0000 Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021 First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand       90       100       10       11.1       0         53-1031 First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021 Air Traffic Controllers       10       10       0       0.0       0         53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians       10       10       0       0.0       0		• · · · · · · · · · · · · · · · · · · ·					
& Tenders       10       10       0       0.0       0         51-9197       Tire Builders       10       10       0       0.0       0         51-9198       HelpersProduction Workers       140       150       10       7.1       0         51-9199       Production Workers, All Other       120       130       10       8.3       0         53-0000       Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021       First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand       90       100       10       11.1       0         53-1031       First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021       Air Traffic Controllers       10       10       0       0.0       0         53-3011       Ambulance Drivers & Attendants, Except Emergency Medical Technicians       10       10       0       0.0       0		• • • • • • • • • • • • • • • • • • • •			Ū	0.0	· ·
51-9197         Tire Builders         10         10         0         0.0         0           51-9198         HelpersProduction Workers         140         150         10         7.1         0           51-9199         Production Workers, All Other         120         130         10         8.3         0           53-0000         Transportation & Material Moving Occupations         4,810         5,350         540         11.2         130           53-1021         First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand         90         100         10         11.1         0           53-1031         First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators         160         180         20         12.5         0           53-2021         Air Traffic Controllers         10         10         0         0.0         0           53-3011         Ambulance Drivers & Attendants, Except Emergency Medical Technicians         10         10         0         0.0         0			10	10	0	0.0	О
51-9198       HelpersProduction Workers       140       150       10       7.1       0         51-9199       Production Workers, All Other       120       130       10       8.3       0         53-0000       Transportation & Material Moving Occupations       4,810       5,350       540       11.2       130         53-1021       First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand       90       100       10       11.1       0         53-1031       First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021       Air Traffic Controllers       10       10       0       0.0       0         53-3011       Ambulance Drivers & Attendants, Except Emergency Medical Technicians       10       10       0       0.0       0	51-9197						
51-9199         Production Workers, All Other         120         130         10         8.3         0           53-0000         Transportation & Material Moving Occupations         4,810         5,350         540         11.2         130           53-1021         First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand         90         100         10         11.1         0           53-1031         First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators         160         180         20         12.5         0           53-2021         Air Traffic Controllers         10         10         0         0.0         0           53-3011         Ambulance Drivers & Attendants, Except Emergency Medical Technicians         10         10         0         0.0         0		HelpersProduction Workers					
53-1021 First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand 90 100 10 11.1 0 53-1031 First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators 160 180 20 12.5 0 53-2021 Air Traffic Controllers 10 10 0 0.0 0 53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 10 0 0.0 0	51-9199	·		130		8.3	
53-1021 First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand 90 100 10 11.1 0 53-1031 First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators 160 180 20 12.5 0 53-2021 Air Traffic Controllers 10 10 0 0.0 0 53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 10 0 0.0 0	52-0000	Transportation & Material Moving Occupations	4 910	5 35 <b>0</b>	540	11 2	130
Material Movers, Hand       90       100       10       11.1       0         53-1031       First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators       160       180       20       12.5       0         53-2021       Air Traffic Controllers       10       10       0       0.0       0         53-3011       Ambulance Drivers & Attendants, Except Emergency Medical Technicians       10       10       0       0.0       0		<del>-</del>	4,010	3,330	340	11.2	130
53-1031 First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators 160 180 20 12.5 0 53-2021 Air Traffic Controllers 10 10 0 0 0 53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 0 0 0	33 1021	·	90	100	10	11 1	0
Material-Moving Machine & Vehicle Operators 160 180 20 12.5 0 53-2021 Air Traffic Controllers 10 10 0 0.0 0 53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 10 0 0.0 0	53-1031		50	100	10	11.1	Ŭ ∥
53-2021 Air Traffic Controllers 10 10 0 0.0 0 53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 10 0 0.0 0	00 1001	·	160	180	20	12.5	<sub>0</sub>
53-3011 Ambulance Drivers & Attendants, Except Emergency Medical Technicians 10 10 0 0.0 0	53-2021	· · · · · · · · · · · · · · · · · · ·					
Medical Technicians 10 10 0 0.0 0				. 3	Ū	5.5	`∥
		·	10	10	0	0.0	o
	53-3021						

202		Average A		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-3022	Bus Drivers, School	310	350	40	12.9	10
53-3031	Driver/Sales Workers	240	250	10	4.2	0
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,360	1,620	260	19.1	50
53-3033	Truck Drivers, Light or Delivery Services	410	470	60	14.6	10
53-3041	Taxi Drivers & Chauffeurs	40	40	0	0.0	0
53-3099	Motor Vehicle Operators, All Other	20	20	0	0.0	0
53-4011	Locomotive Engineers	30	30	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	20	20	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	20	30	10	50.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	90	100	10	11.1	0
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	10	0	0.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	70	70	0	0.0	0
53-7021	Crane & Tower Operators	20	20	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	20	20	0	0.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	220	240	20	9.1	0
53-7061	Cleaners of Vehicles & Equipment	150	170	20	13.3	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	810	800	-10	-1.2	30
53-7063	Machine Feeders & Offbearers	40	40	0	0.0	0
53-7064	Packers & Packagers, Hand	330	380	50	15.2	20
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7073	Wellhead Pumpers	140	180	40	28.6	0
53-7081	Refuse & Recyclable Material Collectors	80	90	10	12.5	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	20	10	-10	-50.0	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

### **Southwest Region**

### Southwest Kansas Region Occupational Trends

In 2002, total occupational employment was 93,680 and is projected to reach 104,340 in 2012, or 11.4 percent growth over the period. The largest occupational group in Southwest Kansas is **Management** occupations, with 16,750 workers in 2002 and a projected employment of 16,860 in 2012. The **Office and Administrative Support** occupational group is second largest with 11,020 and the **Production** occupational group ranks third with employment of 10,540 for 2002. These employment rankings will remain the same through the year 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical jobs growth, 1,390, followed by the **Sales and Related** occupational group with growth of 940. Two occupational groups, **Computer and Mathematical** and **Healthcare Support**, will experience the greatest percent change, 23.9 and 23.6 percent, respectively.

The largest number of annual job openings, 340, is found in the **Sales and Related** occupational group, followed by the **Office and Administrative Support** occupations group with 290 each year over the 10-year period. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual job openings, 140, followed by **retail salespersons** with 100 annual job openings.

2012 Occupational Outlook								
		Average	Annual			Total		
000		Employ		Projected	Change	Total Annual		
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>		
	Total, All Southwest Occupations	93,680	104,340	10,660	<u>11.4</u>	2,740		
11-0000	Management Occupations	16,750	16,860	110	0.7	80		
11-1011	Chief Executives	290	340	50	17.2	20		
11-1021	General & Operations Managers	920	1,050	130	14.1	30		
11-1031	Legislators	90	100	10	11.1	0		
11-2011	Advertising & Promotions Managers	20	20	0	0.0	0		
11-2021	Marketing Managers	40	50	10	25.0	0		
11-2022	Sales Managers	110	140	30	27.3	0		
11-2031	Public Relations Managers	20	20	0	0.0	0		
11-3011	Administrative Services Managers	100	110	10	10.0	0		
11-3021	Computer & Information Systems Managers	70	80	10	14.3	0		
11-3031	Financial Managers	200	230	30	15.0	0		
11-3040	Human Resources Managers	50	60	10	20.0	0		
11-3051	Industrial Production Managers	90	100	10	11.1	0		
11-3061	Purchasing Managers	30	30	0	0.0	0		
11-3071	Transportation, Storage, & Distribution Managers	50	60	10	20.0	0		
11-9011	Farm, Ranch, & Other Agricultural Managers	750	880	130	17.3	20		
11-9012	Farmers & Ranchers	12,790	12,290	-500	-3.9	10		
11-9021	Construction Managers	120	130	10	8.3	0		
11-9031	Education Administrators, Preschool & Child Care	20	20	0	0.0	0		
44 0000	Center/Program	20	20	0	0.0 23.8	0		
11-9032	Education Administrators, Elementary & Secondary School	210 30	260 40	50 10	33.3	20		
11-9033 11-9039	Education Administrators, Postsecondary Education Administrators, All Other	10	10	0	0.0	0 0		
11-9039	Engineering Managers	40	50	10	25.0	0		
11-9041	Food Service Managers	130	140	10	7.7	0		
11-9051	Funeral Directors	50	50	0	0.0	0		
11-9081	Lodging Managers	20	20	0	0.0	0		
11-9111	Medical & Health Services Managers	140	180	40	28.6	0		
11-9121	Natural Sciences Managers	10	10	0	0.0	0		
11-9131	Postmasters & Mail Superintendents	30	30	0	0.0	0		
11-9141	Property, Real Estate, & Community Association Managers	40	50	10	25.0	0		
11-9151	Social & Community Service Managers	40	50	10	25.0	0		
11-9199	Managers, All Other	240	260	20	8.3	10		
13-0000	Business & Financial Operations Occupations	2,020	2,330	310	15.3	40		
13-1021	Purchasing Agents & Buyers, Farm Products	50	50	0	0.0	0		
13-1022	Wholesale & Retail Buyers, Except Farm Products	70	70	0	0.0	0		
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm	00	00	40	40.5	•		
10 1001	Products	80	90	10	12.5	0		
13-1031	Claims Adjusters, Examiners, & Investigators	40	50	10	25.0	0		
13-1041	Compliance Officers, Except Agriculture, Construction,	440	440	0	0.0	0		
10 1051	Health & Safety, & Transportation	110	110	0	0.0	0		
13-1051	Cost Estimators	100	130	30	30.0	0		
13-1061	Emergency Management Specialists  Employment Recruitment & Placement Specialists	10	10	0	0.0	0		
13-1071	Employment, Recruitment, & Placement Specialists	30	40	10	33.3	0		
13-1072	Compensation, Benefits, & Job Analysis Specialists	30	30	0	0.0	0		
13-1073	Training & Development Specialists  Management Analysts	70 160	90	20	28.6	0		
13-1111 13-1121	Meeting & Convention Planners	160 20	180 20	20 0	12.5 0.0	0 0		
13-1121	Business Operations Specialists, All Other	260	300	40	15.4	0		
	Accountants & Auditors	490	600	110	22.4	20		
13-2011	ACCOUNTAINS & AUGITOIS	490	000	110	<b>∠∠.4</b>	20		

	2012 Occupational		A I		Ī	I II
		Average			•	Total
SOC		Employ	ment'	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
13-2021	Appraisers & Assessors of Real Estate	60	70	10	16.7	0
13-2031	Budget Analysts	10	10	0	0.0	0
13-2041	Credit Analysts	20	20	0	0.0	0
13-2051	Financial Analysts	50	60	10	20.0	0
13-2052	Personal Financial Advisors	30	40	10	33.3	0
13-2053	Insurance Underwriters	20	20	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	210	220	10	4.8	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	40	50	10	25.0	0
13-2099	Financial Specialists, All Other	20	30	10	50.0	0
15-0000	Computer & Mathematical Occupations	670	830	160	23.9	20
15-1021	Computer Programmers	90	100	10	11.1	0
15-1031	Computer Software Engineers, Applications	80	90	10	12.5	o l
15-1032	Computer Software Engineers, Systems Software	20	30	10	50.0	o l
15-1041	Computer Support Specialists	150	180	30	20.0	o l
15-1051	Computer Systems Analysts	130	150	20	15.4	o O
15-1061	Database Administrators	20	30	10	50.0	o O
15-1071	Network & Computer Systems Administrators	110	140	30	27.3	0
15-1081	Network Systems & Data Communications Analysts	40	60	20	50.0	0
15-1099	Computer Specialists, All Other	20	30	10	50.0	0
15-2031	Operations Research Analysts	10	10	0	0.0	0
17-0000	Architecture & Engineering Occupations	590	680	90	15.3	10
17-0000	Architects, Except Landscape & Naval	20	20	0	0.0	0
17-1011	Landscape Architects	10	10	0	0.0	0
17-1012	Cartographers & Photogrammetrists	10	20	10	100.0	0
17-1022	Surveyors	10	10	0	0.0	o O
17-2011	Aerospace Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	10	10	0	0.0	0
17-2051	Civil Engineers	60	60	0	0.0	0
17-2071	Electrical Engineers	20	30	10	50.0	0
17-2072	Electronics Engineers, Except Computer	70	70	0	0.0	0
17-2081	Environmental Engineers	10	10	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety					
	Engineers & Inspectors	10	10	0	0.0	0
17-2112	Industrial Engineers	20	30	10	50.0	0
17-2141	Mechanical Engineers	50	60	10	20.0	0
17-2171	Petroleum Engineers	20	20	0	0.0	0
17-2199	Engineers, All Other	40	40	0	0.0	0
17-3011	Architectural & Civil Drafters	20	30	10	50.0	0
17-3012	Electrical & Electronics Drafters	10	10	0	0.0	0
17-3013	Mechanical Drafters	20	30	10	50.0	0
17-3022	Civil Engineering Technicians	90	90	0	0.0	0
17-3023	Electrical & Electronic Engineering Technicians	20	30	10	50.0	0
17-3026	Industrial Engineering Technicians	10	10	0	0.0	0
17-3027	Mechanical Engineering Technicians	10	10	0	0.0	0
17-3031	Surveying & Mapping Technicians	20	30	10	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	20	30	10	50.0	0
19-0000	Life, Physical, & Social Science Occupations	420	480	60	14.3	10
19-1010	Agricultural & Food Scientists	10	10	0	0.0	0

SOC   Code   C		•	Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
19-1021   Conservation Scientists   10   10   0   0   0   0   0   19-1042   Medical Scientists, Except Epidemiologists   10   10   0   0   0   0   0   19-1092   Life Scientists, All Other   10   10   10   0   0   0   0   0   19-1092   Chemists   20   20   0   0   0   0   0   19-2031   Chemists   Specialists, Including Health   30   40   10   33.3   0   19-2042   Geoscientists, Except Hydrologists & Geographers   10   10   0   0   0   0   0   19-2031   Marker Research Analysts   40   50   10   25.0   0   19-3021   Marker Research Analysts   40   50   10   25.0   0   19-3032   Marker Research Analysts   40   50   10   25.0   0   19-3032   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   19-3031   Urban & Regional Planners   10   10   0   0   0   0   0   19-3031   Urban & Regional Planners   10   10   0   0   0   0   0   19-3031   Urban & Regional Planners   10   10   0   0   0   0   0   19-3031   Urban & Regional Planners   10   10   0   0   0   0   0   19-4021   Biological Technicians   30   30   0   0   0   0   0   19-4021   Biological Technicians   20   30   10   50   0   0   19-4021   Biological Petroleum Technicians   20   30   10   50   0   0   19-4031   Chemical Technicians   20   30   10   50   0   0   19-4031   Chemical Technicians   20   30   40   10   33.3   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   0	SOC Code	Occupational Title					Annual Openings <sup>2</sup>
19-1031   Conservation Scientists   10   10   0   0   0   0   0   19-1042   Medical Scientists, Except Epidemiologists   10   10   0   0   0   0   0   19-1093   Life Scientists, All Other   10   10   10   0   0   0   0   0   19-2031   Chemists   20   20   0   0   0   0   0   19-2041   Environmental Scientists & Specialists, Including Health   30   40   10   33.3   0   19-2042   Geoscientists, Except Hydrologists & Geographers   10   10   0   0   0   0   0   19-3022   Marker Research Analysts   40   50   10   25.0   0   19-3032   Marker Research Analysts   40   50   10   25.0   0   19-3032   Marker Research Analysts   40   50   10   25.0   0   19-3032   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   19-3031   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   19-3031   Universe Research Analysts   40   50   10   20   20.0   0   19-3031   Universe Research School Psychologists   100   120   20   20.0   0   19-3031   Universe Research School Psychologists   100   10   0   0   0   0   0   19-3031   Universe Research School Psychologists   100   100   0   0   0   0   0   19-4031   Clemical Technicians   30   30   0   0   0   0   0   0   19-4031   Chemical Technicians   20   30   10   55   0   0   0   19-4031   Chemical Technicians   20   30   10   55   0   0   0   19-4031   Chemical Technicians   20   30   10   55   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   30   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   0   0   0   0   0   0   19-4031   Chemical Technicians   20   30   30   0   0   0   0   0   0   0	19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1099		· · · · · · · · · · · · · · · · · · ·					
19-2021   Chemists   20   20   0   0.0   0   0   19-2041   Environmental Scientists & Specialists, Including Health   30   40   10   3.3   0   19-2042   Geoscientists, Except Hydrologists & Geographers   10   10   0   0.0   0   0   19-2099   Physical Scientists, All Other   10   10   10   0   0.0   0   0   19-2099   Physical Scientists, All Other   10   10   10   0   0.0   0   0   19-2099   Physical Scientists, All Other   10   10   10   0   0.0   0   0   19-2092   Survey Researchers   10   10   10   0   0.0   0   0   19-3021   Urban & Regional Planners   10   10   0   0.0   0   0   19-3031   Urban & Regional Planners   10   10   0   0.0   0   0   19-3091   Urban & Regional Planners   10   10   0   0.0   0   0   19-4011   Agricultural & Food Science Technicians   30   30   0   0.0   0   0   19-4012   Biological Technicians   20   30   10   50   0   0   19-4013   Geological & Petroleum Technicians   20   30   10   50   0   0   19-4031   Chemical Technicians   20   30   40   10   33.3   0   0   19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   0   19-4093   Crest & Conservation Technicians, All Other   20   20   0   0   0   0   0   0   0		Medical Scientists, Except Epidemiologists	10	10	0		0
19-2041   Environmental Scientists & Specialists, Including Health   30   40   10   33.3   0   0   19-2042   Geoscientists, Except Hydrologists & Geographers   10   10   0   0   0   0   0   19-2099   Physical Scientists, All Other   10   10   10   0   0   0   0   0   19-3021   Market Research Analysts   40   50   10   25.0   0   0   19-3022   Survey Researchers   10   10   0   0   0   0   0   0   19-3032   Clinical, Counseling, & School Psychologists   100   120   20   20   20   0   0   19-3031   Clinical, Counseling, & School Psychologists   100   120   20   20   20   0   0   19-3051   Uthan & Regional Planners   10   10   0   0   0   0   0   19-3051   Uthan & Regional Planners   10   10   0   0   0   0   0   19-3051   Uthan & Regional Planners   10   10   0   0   0   0   0   19-4021   Environmental Science & Protection S   20   30   30   0   0   0   0   19-4021   Environmental Science & Protection Technicians   10   10   0   0   0   0   0   19-4031   Environmental Science & Protection Technicians, Including   Health   10   10   0   0   0   0   0   0   0	19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2042   Geoscientists, Except Hydrologists & Geographers	19-2031	Chemists	20	20	0	0.0	0
19-2099   Physical Scientists, All Other   10   10   0   0.0   0   0   19-3021   Market Research Analysts   40   50   10   25.0   0   19-3022   Survey Researchers   10   10   10   0   0.0   0   0   19-3031   Clinical, Counseling, & School Psychologists   10   10   10   0   0.0   0   0   19-3031   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   0   19-3051   Univa a Regional Planners   10   10   0   0.0   0   0   19-3059   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   19-4021   Biological Technicians   20   30   10   50.0   0   19-4021   Biological Technicians   20   30   10   50.0   0   19-4021   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0   0.0   0   0   19-4093   Forest & Conservation Technicians, All Other   20   20   0   0.0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0	19-2041	Environmental Scientists & Specialists, Including Health	30	40	10	33.3	0
19-3021   Market Research Analysts	19-2042	, , , , , , , , , , , , , , , , , , , ,	10	10	0	0.0	0
19-3022   Survey Researchers   10   10   0   0.0   0   19-3031   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   19-3031   Clinical, Counseling, & School Psychologists   100   100   0.0   0   0   19-3099   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   19-4021   Biological Technicians   30   30   30   0.0   0   0   19-4021   Biological Technicians   20   30   10   50.0   0   19-4021   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   30   40   10   33.3   0   19-4041   Geological & Petroleum Technicians   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including   Environmental Science & Protection Technicians, Including   19-4099   Environmental Science & Protection Technicians, Including   10   10   0   0.0   0   0   0   0   0   0   0		•					
19-3031   Clinical, Counseling, & School Psychologists   100   120   20   20.0   0   19-3051   Urban & Regional Planners   10   10   0   0.0   0   0   19-4011   Agricultural & Food Science Technicians   30   30   0   0.0   0   0   19-4011   Agricultural & Food Science Technicians   10   10   0   0.0   0   0   19-4021   Biological Technicians   10   10   10   0   0.0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   20   30   40   10   33.3   0   19-4041   Geological & Petroleum Technicians   10   10   0   0.0   0   0   19-4091   Health   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, Including   Health   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0					10		
19-3051   Urban & Regional Planners   10   10   0   0.0   0   0   19-3099   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   19-4021   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   19-4021   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   19-4021   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   0   0   19-4021   Social Scientists & Related Workers   10   10   0   0.0   0   0   19-4021   Social Science & Protection Technicians   20   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   19-4091   Froit Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   0   0   0   0   0		· · · · · · · · · · · · · · · · · · ·					
19-3099   Social Scientists & Related Workers, All Other   10   10   0   0.0   0   19-4011   Agricultural & Food Science Technicians   30   30   0   0.0   0   0   19-4021   Biological Technicians   10   10   0   0.0   0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4031   Chemical Technicians   20   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including   Health   10   10   0   0.0   0   0   19-4091   Environmental Science & Protection Technicians, Including   Health   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0							
19-4011   Agricultural & Food Science Technicians   30   30   0   0.0   0   19-4021   Biological Technicians   20   30   10   50.0   0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4041   Geological & Petroleum Technicians   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including   Health   10   10   0   0.0   0   0   19-4093   Forest & Conservation Technicians   10   10   10   0   0.0   0   0   19-4093   Forest & Conservation Technicians   10   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0							
19-4021   Biological Technicians   10   10   0   0.0   0   19-4031   Chemical Technicians   20   30   10   50.0   0   19-4041   Geological & Petroleum Technicians   30   40   10   33.3   0   19-4091   Environmental Science & Protection Technicians, Including   Health   Health   Health   10   10   0   0.0   0   0   19-4093   Forest & Conservation Technicians, All Other   20   20   0   0.0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0		·					
19-4031   Chemical Technicians   20   30   10   50.0   0   19-4041   Geological & Petroleum Technicians   30   40   10   33.3   0   0   19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   0   19-4093   Forest & Conservation Technicians   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0		=					
19-4041   Geological & Petroleum Technicians   19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   0   0   0   0   0		<u> </u>					
19-4091   Environmental Science & Protection Technicians, Including Health   10   10   0   0.0   0   0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0							
Health		<del>-</del>	30	40	10	33.3	0
19-4093   Forest & Conservation Technicians   10   10   0   0.0   0   19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0	19-4091	· · · · · · · · · · · · · · · · · · ·	10	10	0	0.0	
19-4099   Life, Physical, & Social Science Technicians, All Other   20   20   0   0.0   0   0   0   0   0   0   0	10 4002						
21-000   Community & Social Services Occupations   1,580   1,830   250   15.8   50   21-1011   Substance Abuse & Behavioral Disorder Counselors   30   30   0   0.0   0   0   0   0   0   0   0							
21-1011   Substance Abuse & Behavioral Disorder Counselors   30   30   0   0.0   0   0   0   0   1-1012   Educational, Vocational, & School Counselors   150   170   20   13.3   0   0   0   0   0   0   0   0   0		·					
21-1012   Educational, Vocational, & School Counselors   150   170   20   13.3   0   21-1013   Marriage & Family Therapists   20   20   0   0.0   0   0   0   21-1014   Mental Health Counselors   40   50   10   25.0   0   0   21-1015   Rehabilitation Counselors   70   80   10   14.3   0   0   21-1021   Child, Family, & School Social Workers   100   120   20   20.0   0   0   21-1022   Medical & Public Health Social Workers   70   80   10   14.3   0   0   0   0   0   0   0   0   0			•		250		
21-1013   Marriage & Family Therapists   20   20   0   0.0   0   0   0   0   1-1014   Mental Health Counselors   40   50   10   25.0   0   0   0   0   0   1-1015   Rehabilitation Counselors   70   80   10   14.3   0   0   1-1021   Child, Family, & School Social Workers   100   120   20   20.0   0   0   0   1-1022   Medical & Public Health Social Workers   70   80   10   14.3   0   0   1-1023   Mental Health & Substance Abuse Social Workers   120   140   20   16.7   0   0   0   1   1-1023   Mental Health & Substance Abuse Social Workers   120   140   20   16.7   0   0   0   0   0   0   0   0   0							
21-1014   Mental Health Counselors							
21-1015         Rehabilitation Counselors         70         80         10         14.3         0           21-1021         Child, Family, & School Social Workers         100         120         20         20.0         0           21-1022         Medical & Public Health Social Workers         70         80         10         14.3         0           21-1023         Mental Health & Substance Abuse Social Workers         120         140         20         16.7         0           21-1091         Health Educators         10         10         0         0.0         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1093         Social & Human Service Assistants         320         390         70         21.9         20           21-2011         Clergy         380         420         40         10.5         10           21-2021         Directors, Religious Activities & Education         90         110         20         22.2         0           21-9099         Coun		· · · · · · · · · · · · · · · · · · ·					
21-1021         Child, Family, & School Social Workers         100         120         20         20.0           21-1022         Medical & Public Health Social Workers         70         80         10         14.3         0           21-1023         Mental Health & Substance Abuse Social Workers         120         140         20         16.7         0           21-1091         Health Educators         10         10         0         0.0         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1093         Social & Human Service Assistants         320         390         70         21.9         20           21-2011         Clergy         380         420         40         10.5         10           21-2021         Directors, Religious Activities & Education         90         110         20         22.2         0           21-9099         Counselors, Social, & Religious Workers, All Other         110         130         20         18.2         0           23-0000         Legal Occupations         420         510         90         21.4         10           23-1021         Lawyers         210 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
21-1022         Medical & Public Health Social Workers         70         80         10         14.3         0           21-1023         Mental Health & Substance Abuse Social Workers         120         140         20         16.7         0           21-1091         Health Educators         10         10         0         0.0         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1093         Social & Human Service Assistants         320         390         70         21.9         20           21-2011         Clergy         380         420         40         10.5         10           21-2021         Directors, Religious Activities & Education         90         110         20         22.2         0           21-9099         Counselors, Social, & Religious Workers, All Other         110         130         20         18.2         0           23-0000         Legal Occupations         420         510         90         21.4         10           23-1021         <							
21-1023         Mental Health & Substance Abuse Social Workers         120         140         20         16.7         0           21-1091         Health Educators         10         10         0         0.0         0           21-1092         Probation Officers & Correctional Treatment Specialists         70         80         10         14.3         0           21-1093         Social & Human Service Assistants         320         390         70         21.9         20           21-2011         Clergy         380         420         40         10.5         10           21-2021         Directors, Religious Activities & Education         90         110         20         22.2         0           21-9099         Counselors, Social, & Religious Workers, All Other         110         130         20         18.2         0           23-0090         Legal Occupations         420         510         90         21.4         10           23-1011         Lawers         210         250         40         19.0         0           23-2021         Daralegals & Legal Assistants         80         110         30         37.5         0           23-2091         Court Reporters         10 <td< td=""><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td><td></td><td></td><td></td></td<>		· · · · · · · · · · · · · · · · · · ·					
21-1091       Health Educators       10       10       0       0.0       0         21-1092       Probation Officers & Correctional Treatment Specialists       70       80       10       14.3       0         21-1093       Social & Human Service Assistants       320       390       70       21.9       20         21-2011       Clergy       380       420       40       10.5       10         21-2021       Directors, Religious Activities & Education       90       110       20       22.2       0         21-9099       Counselors, Social, & Religious Workers, All Other       110       130       20       18.2       0         23-0000       Legal Occupations       420       510       90       21.4       10         23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10							
21-1092       Probation Officers & Correctional Treatment Specialists       70       80       10       14.3       0         21-1093       Social & Human Service Assistants       320       390       70       21.9       20         21-2011       Clergy       380       420       40       10.5       10         21-2021       Directors, Religious Activities & Education       90       110       20       22.2       0         21-9099       Counselors, Social, & Religious Workers, All Other       110       130       20       18.2       0         23-0000       Legal Occupations       420       510       90       21.4       10         23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-9093       Title Examiners, Abstractors, & Sear							
21-1093       Social & Human Service Assistants       320       390       70       21.9       20         21-2011       Clergy       380       420       40       10.5       10         21-2021       Directors, Religious Activities & Education       90       110       20       22.2       0         21-9099       Counselors, Social, & Religious Workers, All Other       110       130       20       18.2       0         23-0000       Legal Occupations       420       510       90       21.4       10         23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         25-9099       Legal & Related Workers, All Other       60							ı
21-2011       Clergy       380       420       40       10.5       10         21-2021       Directors, Religious Activities & Education       90       110       20       22.2       0         21-9099       Counselors, Social, & Religious Workers, All Other       110       130       20       18.2       0         23-0000       Legal Occupations       420       510       90       21.4       10         23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0.0       0         25-1011       Business Teachers, Postsecondary       30		•					
21-2021       Directors, Religious Activities & Education       90       110       20       22.2       0         21-9099       Counselors, Social, & Religious Workers, All Other       110       130       20       18.2       0         23-0000       Legal Occupations       420       510       90       21.4       10         23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0.0       0         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postse							
21-9099         Counselors, Social, & Religious Workers, All Other         110         130         20         18.2         0           23-0000         Legal Occupations         420         510         90         21.4         10           23-1011         Lawyers         210         250         40         19.0         0           23-1023         Judges, Magistrate Judges, & Magistrates         30         30         0         0.0         0           23-2011         Paralegals & Legal Assistants         80         110         30         37.5         0           23-2091         Court Reporters         10         10         0         0.0         0           23-2092         Law Clerks         10         20         10         100.0         0           23-2093         Title Examiners, Abstractors, & Searchers         20         20         0         0.0         0           23-9099         Legal & Related Workers, All Other         60         60         0         0.0         0           25-1011         Business Teachers, Postsecondary         30         40         10         33.3         0           25-1021         Computer Science Teachers, Postsecondary         30         50		••					
23-0000         Legal Occupations         420         510         90         21.4         10           23-1011         Lawyers         210         250         40         19.0         0           23-1023         Judges, Magistrate Judges, & Magistrates         30         30         0         0.0         0           23-2011         Paralegals & Legal Assistants         80         110         30         37.5         0           23-2091         Court Reporters         10         10         0         0.0         0           23-2092         Law Clerks         10         20         10         100.0         0           23-2093         Title Examiners, Abstractors, & Searchers         20         20         0         0.0         0           23-9099         Legal & Related Workers, All Other         60         60         0         0.0         0           25-0000         Education, Training, & Library Occupations         6,110         7,500         1,390         22.7         250           25-1011         Business Teachers, Postsecondary         30         40         10         33.3         0           25-1021         Computer Science Teachers, Postsecondary         30         50		·					
23-1011       Lawyers       210       250       40       19.0       0         23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0.0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1032       Engineering Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers,		•					
23-1023       Judges, Magistrate Judges, & Magistrates       30       30       0       0.0       0         23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0		•					
23-2011       Paralegals & Legal Assistants       80       110       30       37.5       0         23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0		·					
23-2091       Court Reporters       10       10       0       0.0       0         23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0							
23-2092       Law Clerks       10       20       10       100.0       0         23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0		•			_		
23-2093       Title Examiners, Abstractors, & Searchers       20       20       0       0.0       0         23-9099       Legal & Related Workers, All Other       60       60       0       0.0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0		•					
23-9099       Legal & Related Workers, All Other       60       60       0       0.0       0         25-0000       Education, Training, & Library Occupations       6,110       7,500       1,390       22.7       250         25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0							
25-0000         Education, Training, & Library Occupations         6,110         7,500         1,390         22.7         250           25-1011         Business Teachers, Postsecondary         30         40         10         33.3         0           25-1021         Computer Science Teachers, Postsecondary         30         50         20         66.7         0           25-1022         Mathematical Science Teachers, Postsecondary         50         60         10         20.0         0           25-1032         Engineering Teachers, Postsecondary         10         10         0         0.0         0					_		
25-1011       Business Teachers, Postsecondary       30       40       10       33.3       0         25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0		•					
25-1021       Computer Science Teachers, Postsecondary       30       50       20       66.7       0         25-1022       Mathematical Science Teachers, Postsecondary       50       60       10       20.0       0         25-1032       Engineering Teachers, Postsecondary       10       10       0       0.0       0							
25-1022 Mathematical Science Teachers, Postsecondary 50 60 10 20.0 0 25-1032 Engineering Teachers, Postsecondary 10 10 0 0.0		•					
25-1032 Engineering Teachers, Postsecondary 10 10 0 0.0 0		· · · · · · · · · · · · · · · · · · ·					
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	_0 000apaoa.	Average Annual				Total
SOC	_	Employment <sup>1</sup> Projected Change			Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-1042	Biological Science Teachers, Postsecondary	30	40	10	33.3	
25-1042 25-1052	Chemistry Teachers, Postsecondary	10	10	0	0.0	0
25-1052	Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Psychology Teachers, Postsecondary	20	30	10	50.0	0
25-1066	Sociology Teachers, Postsecondary	10	10	0	0.0	0
25-1007	Health Specialties Teachers, Postsecondary	30	40	10	33.3	0
25-1071	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1072	Education Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers,	10	10	U	0.0	
25 1111	Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	40	50	10	25.0	ő
25-1122	Communications Teachers, Postsecondary	10	20	10	100.0	ő
25-1123	English Language & Literature Teachers, Postsecondary	50	60	10	20.0	o 0
25-1124	Foreign Language & Literature Teachers, Postsecondary	20	30	10	50.0	0
25-1125	History Teachers, Postsecondary	20	30	10	50.0	0
25-1126	Philosophy & Religion Teachers, Postsecondar	10	10	0	0.0	0
25-1191	Graduate Teaching Assistants	10	10	0	0.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	20	30	10	50.0	0
25-1194	Vocational Education Teachers, Postsecondary	50	70	20	40.0	0
25-1199	Postsecondary Teachers, All Other	150	200	50	33.3	10
25-2011	Preschool Teachers, Except Special Education	90	120	30	33.3	0
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	28.6	0
25-2021	Elementary School Teachers, Except Special Education	1,530	1,810	280	18.3	60
25-2022	Middle School Teachers, Except Special & Vocational	,	·			
	Education	720	800	80	11.1	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	1,060	1,280	220	20.8	50
25-2032	Vocational Education Teachers, Secondary School	160	180	20	12.5	0
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
	Elementary School	210	280	70	33.3	20
25-2042	Special Education Teachers, Middle School	100	130	30	30.0	0
25-2043	Special Education Teachers, Secondary School	150	190	40	26.7	0
25-3011	Adult Literacy, Remedial Education, & GED Teachers &					
	Instructors	40	50	10	25.0	0
25-3021	Self-Enrichment Education Teachers	50	70	20	40.0	0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	490	710	220	44.9	30
25-4010	Archivists, Curators, & Museum Technicians	20	30	10	50.0	0
25-4021	Librarians	140	150	10	7.1	0
25-4031	Library Technicians	100	110	10	10.0	0
25-9021	Farm & Home Management Advisors	10	10	0	0.0	0
25-9031	Instructional Coordinators	70	90	20	28.6	0
25-9041	Teacher Assistants	320	390	70	21.9	20
25-9199	Library, Museum, Training, & Other Education Workers, All	40	40	•	0.0	
	Other	10	10	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	910	1,010	100	11.0	10
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	10	10	0	0.0	0

		Average Annual				Total
SOC		Employment <sup>1</sup> Projected Change			Annual	
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
27-1021	Commercial & Industrial Designers	10	10	0	0.0	0
27-1023	Floral Designers	110	120	10	9.1	0
27-1024	Graphic Designers	40	40	0	0.0	0
27-1025	Interior Designers	10	20	10	100.0	0
27-1026	Merchandise Displayers & Window Trimmers	20	20	0	0.0	0
27-1099	Art & Design Workers, All Other	20	30	10	50.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	170	200	30	17.6	0
27-2023	Umpires, Referees, & Other Sports Officials	20	20	0	0.0	0
27-2032	Choreographers	20	20	0	0.0	0
27-2041	Music Directors & Composers	30	30	0	0.0	0
27-2042	Musicians & Singers	70	90	20	28.6	0
27-3010	Announcers	50	40	-10	-20.0	0
27-3020	News Analysts, Reporters & Correspondents	40	40	0	0.0	0
27-3031	Public Relations Specialists	60	80	20	33.3	0
27-3041	Editors	40	50	10	25.0	0
27-3042	Technical Writers	10	10	0	0.0	0
27-3043	Writers & Authors	40	40	0	0.0	0
27-3091	Interpreters & Translators	20	20	0	0.0	0
27-3099	Media & Communication Workers, All Other	10	10	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	20	20	0	0.0	0
27-4021	Photographers	30	30	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
29-0000	Healthcare Practitioners & Technical Occupations	4,080	4,920	840	20.6	120
29-1011	Chiropractors	30	30	0	0.0	0
29-1020	Dentists	60	60	0	0.0	0
29-1031	Dietitians & Nutritionists	30	30	0	0.0	0
29-1041	Optometrists	10	10	0	0.0	0
29-1051	Pharmacists Aparthagialagists	100	140	40	40.0	0
29-1061	Anesthesiologists	40	40	0	0.0	0
29-1062	Family & General Practitioners	100	110	10	10.0	0
29-1063	Internists, General	30	30	0	0.0	0
29-1064	Obstetricians & Gynecologists Pediatricians, General	20	20	0	0.0 0.0	0
29-1065 29-1066	Psychiatrists	30 50	30 50	0	0.0	0
29-1066		80	80	0	0.0	0
29-1067	Surgeons Physicians & Surgeons, All Other	40	40	0	0.0	0
29-1009	Physician Assistants	30	40	0 10	33.3	0
29-1071	Registered Nurses	1,590	2,020	430	27.0	0 70
29-1111	Occupational Therapists	1,590 50	70	20	40.0	0
29-1122	Physical Therapists	60	80	20	33.3	0
29-1123	Radiation Therapists	10	10		0.0	
29-1124 29-1125	Recreational Therapists	20	20	0	0.0	0 0
29-1125 29-1126	Respiratory Therapists	90	120	30	33.3	0
29-1126	Speech-Language Pathologists	80	90	10	12.5	0
29-112 <i>1</i> 29-1131	Veterinarians	50 50	50 50	0	0.0	0
29-1131	Health Diagnosing & Treating Practitioners, All Other	30	30	0	0.0	0
29-1199	Medical & Clinical Laboratory Technologists	90	110	20	22.2	0
29-2011	Medical & Clinical Laboratory Technician	70	80	10	14.3	
20 2012		. 3	00	.0		ı "

	•	Average Annual				Total
SOC		Employment <sup>1</sup> Projected Change			Annual	
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
29-2021	Dental Hygienists	70	90	20	28.6	0
29-2031	Cardiovascular Technologists & Technicians	30	40	10	33.3	0
29-2032	Diagnostic Medical Sonographers	20	30	10	50.0	0
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	100	120	20	20.0	0
29-2041	Emergency Medical Technicians & Paramedics	200	230	30	15.0	0
29-2051	Dietetic Technicians	20	20	0	0.0	0
29-2052	Pharmacy Technicians	90	110	20	22.2	0
29-2053	Psychiatric Technicians	50	50	0	0.0	0
29-2054	Respiratory Therapy Technicians	20	20	0	0.0	0
29-2055	Surgical Technologists	40	60	20	50.0	0
29-2056	Veterinary Technologists & Technicians	20	20	0	0.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	370	420	50	13.5	20
29-2071	Medical Records & Health Information Technicians	120	170	50	41.7	10
29-2081	Opticians, Dispensing	40	40	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	30	30	0	0.0	0
29-9091	Athletic Trainers	10	10	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	50	60	10	20.0	0
31-0000	Healthcare Support Occupations	2,030	2,510	480	23.6	70
31-1011	Home Health Aides	180	220	40	22.2	0
31-1012	Nursing Aides, Orderlies, & Attendants	1,110	1,350	240	21.6	40
31-1013	Psychiatric Aides	200	240	40	20.0	0
31-2011	Occupational Therapist Assistants	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	40	60	20	50.0	0
31-2022	Physical Therapist Aides	20	30	10	50.0	0
31-9011	Massage Therapists	10	10	0	0.0	0
31-9091	Dental Assistants	130	170	40	30.8	0
31-9092	Medical Assistants	130	180	50	38.5	10
31-9093	Medical Equipment Preparers	20	30	10	50.0	0
31-9094	Medical Transcriptionists	60	70	10	16.7	0
31-9095	Pharmacy Aides	20	20	0	0.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	40	50	10	25.0	0
31-9099	Healthcare Support Workers, All Other	60	70	10	16.7	0
33-0000	Protective Service Occupations	1,800	2,070	270	15.0	80
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	120	140	20	16.7	0
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	60	70	10	16.7	0
33-1099	First-Line Supervisors/Managers, Protective Service	00	70	10	10.7	O
00 1000	Workers, All Other	20	20	0	0.0	0
33-2011	Fire Fighters	240	280	40	16.7	10
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	310	330	20	6.5	10
33-3021	Detectives & Criminal Investigators	50	60	10	20.0	0
33-3051	Police & Sheriff's Patrol Officers	500	570	70	14.0	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9021	Private Detectives & Investigators	10	10	0	0.0	0
33-9032	Security Guards	280	330	50	17.9	20
33-9091	Crossing Guards	40	50	10	25.0	0
33-9099	Protective Service Workers, All Other	120	150	30	25.0	10

	_0 0004	Average Annual				
SOC		Employment <sup>1</sup>		oloyment <sup>1</sup> Projected Change		Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	-					, -
35-0000	Food Preparation & Serving Related Occupations	5,210	6,040	830	15.9	280
35-1011	Chefs & Head Cooks	50	60	10	20.0	0
35-1012	First-Line Supervisors/Managers of Food Preparation &					
	Serving Workers	470	550	80	17.0	20
35-2011	Cooks, Fast Food	400	440	40	10.0	10
35-2012	Cooks, Institution & Cafeteria	560	570	10	1.8	20
35-2014	Cooks, Restaurant	270	310	40	14.8	10
35-2015	Cooks, Short Order	130	140	10	7.7	0
35-2021	Food Preparation Workers	520	630	110	21.2	30
35-3011	Bartenders	160	170	10	6.3	10
35-3021	Combined Food Preparation & Serving Workers, Including					
	Fast Food	1,060	1,340	280	26.4	80
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee					
	Shop	180	210	30	16.7	10
35-3031	Waiters & Waitresses	880	1,030	150	17.0	70
35-3041	Food Servers, Nonrestaurant	110	120	10	9.1	0
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	110	130	20	18.2	0
35-9021	Dishwashers	170	180	10	5.9	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	110	130	20	18.2	0
35-9099	Food Preparation & Serving Related Workers, All Other	30	30	0	0.0	0
37-0000	Building & Grounds Cleaning & Maintenance					
37-0000	Occupations	3,260	3,900	640	19.6	120
37-1011	First-Line Supervisors/Managers of Housekeeping &	3,200	3,300	040	13.0	120
37-1011	Janitorial Workers	150	170	20	13.3	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	100	170	20	10.0	
07 1012	Service, & Groundskeeping Workers	70	80	10	14.3	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping	. 0		.0		
0, 2011	Cleaners	1,590	1,890	300	18.9	60
37-2012	Maids & Housekeeping Cleaners	640	780	140	21.9	20
37-2021	Pest Control Workers	40	40	0	0.0	0
37-3011	Landscaping & Groundskeeping Workers	670	820	150	22.4	40
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	70	80	10	14.3	0
37-3013	Tree Trimmers & Pruners	10	10	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All					
	Other	20	30	10	50.0	0
39-0000	Personal Care & Service Occupations	1,850	2,120	270	14.6	60
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service	00	00	40	40.5	
00 0044	Workers	80	90	10	12.5	0
39-2011	Animal Trainers	20	20	0	0.0	0
39-2021	Nonfarm Animal Caretakers	60	60	0	0.0	0
39-3011	Gaming Dealers	10	10	0	0.0	0
39-3012	Gaming & Sports Book Writers & Runners	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers Amusement & Recreation Attendants	40	50 110	10	25.0	0
39-3091	Locker Room, Coatroom, & Dressing Room Attendants	90	110	20	22.2 0.0	0
39-3093 39-3199	Gaming Workers, All Other	20 30	20 30	0	0.0	0
39-3199	Embalmers	30	30	0	0.0	0
39-4011	Funeral Attendants	10	10	0	0.0	0
39-4021	Barbers	50	50	0	0.0	0
00-0011	Daiboid	50	50	U	0.0	

		Average Annual				Total
SOC	_	Employr	ment'	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
39-5012	Hairdressers, Hairstylists, & Cosmetologists	310	330	20	6.5	10
39-5092	Manicurists & Pedicurists	20	20	0	0.0	0
39-5093	Shampooers	10	10	0	0.0	0
39-5094	Skin Care Specialists	20	20	0	0.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	20	20	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants &					
00 0044	Baggage Porters	20	30	10	50.0	0
39-9011	Child Care Workers	430	500	70	16.3	20
39-9021	Personal & Home Care Aides	320	400	80	25.0	20
39-9031	Fitness Trainers & Aerobics Instructors	70	100	30	42.9	0
39-9032	Recreation Workers	130	150	20	15.4	0
39-9041	Residential Advisors	10	10	0	0.0	0
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
41-0000	Sales & Related Occupations	7,440	8,380	940	12.6	340
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	730	840	110	15.1	20
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	170	200	30	17.6	0
41-2011	Cashiers	2,200	2,520	320	14.5	140
41-2021	Counter & Rental Clerks	180	220	40	22.2	10
41-2022	Parts Salespersons	170	170	0	0.0	10
41-2031	Retail Salespersons	1,850	2,100	250	13.5	100
41-3011	Advertising Sales Agents	70	70	0	0.0	0
41-3021	Insurance Sales Agents	570	570	0	0.0	10
41-3031	Securities, Commodities, & Financial Services Sales	70	70	0	0.0	
44 2044	Agents Travel Agente	70 10	70 10	0	0.0	0
41-3041 41-4011	Travel Agents Sales Representatives, Wholesale & Manufacturing,	10	10	0	0.0	0
41-4011	Technical & Scientific Products	110	130	20	18.2	0
41-4012	Sales Representatives, Wholesale & Manufacturing,	110	130	20	10.2	
41-4012	Except Technical & Scientific Products	660	760	100	15.2	30
41-9011	Demonstrators & Product Promoters	30	30	0	0.0	0
41-9021	Real Estate Brokers	90	90	0	0.0	ő
41-9022	Real Estate Sales Agents	240	250	10	4.2	10
41-9031	Sales Engineers	10	10	0	0.0	0
41-9041	Telemarketers	70	70	0	0.0	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &					
	Related Workers	20	20	0	0.0	0
41-9099	Sales & Related Workers, All Other	190	240	50	26.3	10
43-0000	Office & Administrative Support Occupations	11,020	11,630	610	5.5	290
43-1011	First-Line Supervisors/Managers of Office & Administrative	11,020	11,030	010	3.3	290
40 1011	Support Workers	690	730	40	5.8	20
43-2011	Switchboard Operators, Including Answering Service	80	80	0	0.0	0
43-3011	Bill & Account Collectors	130	160	30	23.1	0
43-3021	Billing & Posting Clerks & Machine Operators	290	300	10	3.4	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,220	1,290	70	5.7	30
43-3051	Payroll & Timekeeping Clerks	110	120	10	9.1	0
43-3061	Procurement Clerks	40	40	0	0.0	0
43-3071	Tellers	450	480	30	6.7	20
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Correspondence Clerks	10	10	0	0.0	0

		Average Annual  Employment <sup>1</sup> Projected Change			Total Annual	
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
43-4031	Court, Municipal, & License Clerks	110	120	10	9.1	0
43-4041	Credit Authorizers, Checkers, & Clerks	10	10	0	0.0	0
43-4051	Customer Service Representatives	680	790	110		20
43-4061	Eligibility Interviewers, Government Programs	50	50	0	0.0	0
43-4071	File Clerks	110	100	-10	-9.1	Ö
43-4081	Hotel, Motel, & Resort Desk Clerks	130	160	30	23.1	10
43-4111	Interviewers, Except Eligibility & Loan	100	130	30	30.0	0
43-4121	Library Assistants, Clerical	120	140	20	16.7	10
43-4131	Loan Interviewers & Clerks	90	70	-20	-22.2	0
43-4141	New Accounts Clerks	70	70	0		Ö
43-4151	Order Clerks	130	110	-20	-15.4	ő
43-4161	Human Resources Assistants, Except Payroll &	100	110	20	10.1	ŭ
10 1101	Timekeeping	60	70	10	16.7	О
43-4171	Receptionists & Information Clerks	400	480	80		20
43-4181	Reservation & Transportation Ticket Agents & Travel	.00	100		20.0	
.0	Clerks	30	40	10	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	120	120	0	0.0	Ö
43-5011	Cargo & Freight Agents	30	30	0	0.0	Ö
43-5021	Couriers & Messengers	40	40	0	0.0	Ö
43-5031	Police, Fire, & Ambulance Dispatchers	110	120	10	9.1	Ö
43-5032	Dispatchers, Except Police, Fire, & Ambulance	70	70	0	0.0	Ö
43-5041	Meter Readers, Utilities	70	70	0	0.0	Ö
43-5051	Postal Service Clerks	40	50	10	25.0	Ö
43-5052	Postal Service Mail Carriers	190	230	40	21.1	10
43-5053	Postal Service Mail Sorters, Processors, & Processing					
	Machine Operators	90	100	10	11.1	0
43-5061	Production, Planning, & Expediting Clerks	100	120	20	20.0	0
43-5071	Shipping, Receiving, & Traffic Clerks	320	320	0	0.0	10
43-5081	Stock Clerks & Order Fillers	820	780	-40	-4.9	30
43-5111	Weighers, Measurers, Checkers, & Samplers,					
	Recordkeeping	70	80	10	14.3	0
43-6011	Executive Secretaries & Administrative Assistants	770	810	40		20
43-6012	Legal Secretaries	90	120	30	33.3	0
43-6013	Medical Secretaries	120	130	10	8.3	0
43-6014	Secretaries, Except Legal, Medical, & Executive	1,090	1,080	-10		20
43-9011	Computer Operators	50	40	-10		0
43-9021	Data Entry Keyers	120	110	-10		0
43-9022	Word Processors & Typists	40	30	-10	-25.0	0
43-9031	Desktop Publishers	10	10	0	0.0	0
43-9041	Insurance Claims & Policy Processing Clerks	30	30	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
	Service	30	20	-10	-33.3	0
43-9061	Office Clerks, General	1,370	1,460	90	6.6	40
43-9071	Office Machine Operators, Except Computer	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office					
	Support Workers, All Other	90	80	-10	-11.1	0
45-0000	Farming, Fishing, & Forestry Occupations	2,960	3,430	470	15.9	130
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &	., 3	-,			
	Forestry Workers	110	120	10	9.1	0
45-2011	Agricultural Inspectors	30	30	0	0.0	Ö
45-2021	nimal Breeders	20	20	0	0.0	
			_3	Ū	5.5	ı " II

	_0 0.00 <b>p</b>	Average	Annual			Total
SOC	<u>-</u>	Employı	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
45-2041	Graders & Sorters, Agricultural Products	130	150	20	15.4	0
45-2091	Agricultural Equipment Operators	360	430	70	19.4	20
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	1,760	2,040	280	15.9	80
45-2093	Farmworkers, Farm & Ranch Animals	310	360	50	16.1	20
45-9099	Farming, Fishing, & Forestry Workers, All Other	240	280	40	16.7	10
47-0000	Construction & Extraction Occupations	4,040	4,870	830	20.5	150
47-1011	First-Line Supervisors/Managers of Construction Trades &	400	540	00	40.0	00
47.0004	Extraction Workers	430	510	80	18.6	20
47-2021	Brickmasons & Blockmasons	30	40	10	33.3	0
47-2022	Stonemasons	10	10	0	0.0	0
47-2031	Carpenters	400	470	70	17.5	20
47-2041	Carpet Installers	30	30	0	0.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	10	10	0	0.0	0
47-2051	Cement Masons & Concrete Finishers	110	140	30	27.3	0
47-2061	Construction Laborers	470	560	90	19.1	20
47-2071	Paving, Surfacing, & Tamping Equipment Operators Operating Engineers & Other Construction Equipment	60	70	10	16.7	0
47-2073	Operators	400	ECO	90	16.7	20
47 2004	·	480 10	560	80		20
47-2081 47-2082	Drywall & Ceiling Tile Installers	10	20 10	10	100.0 0.0	0
47-2062 47-2111	Tapers Electricians	200	240	0	20.0	0
47-2111 47-2121	Glaziers	200	240	40 0	0.0	0
47-2121	Insulation Workers	20	20	0	0.0	0
47-2130 47-2141	Painters, Construction & Maintenance	100	110	10	10.0	0
47-2141	Pipelayers	40	50	10	25.0	0
47-2151	Plumbers, Pipefitters, & Steamfitters	240	270	30	12.5	10
47-2152	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2101	Reinforcing Iron & Rebar Workers	10	10	0	0.0	0
47-2171	Roofers	70	90	20	28.6	0
47-2211	Sheet Metal Workers	70 70	70	0	0.0	
47-2221	Structural Iron & Steel Workers	20	20	0	0.0	o o
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &	20	20	Ū	0.0	
	Tile & Marble Setters	30	30	0	0.0	0
47-3012	HelpersCarpenters	50	60	10	20.0	0
47-3013	HelpersElectricians	30	30	0	0.0	0
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco	40	40	0	0.0	
47 2045	Masons	10	10	0	0.0	0
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	40	40	0	0.0	0
47-3016	Helpers - Roofers	10	20	10	100.0	0
47-3019	Helpers, Construction Trades, All Other	10	10	0	0.0	0
47-4011 47-4031	Construction & Building Inspectors Fence Erectors	30	40	10	33.3	0
	Hazardous Materials Removal Workers	10	10	0	0.0	0
47-4041		10	10 150	0	0.0	0
47-4051 47-4061	Highway Maintenance Workers  Poil Track Laving & Maintenance Equipment Operators	130 10	150 10	20 0	15.4 0.0	0
47-4061 47-4071	Rail-Track Laying & Maintenance Equipment Operators		20	_		0
47-4071 47-4000	Septic Tank Servicers & Sewer Pipe Cleaners Construction Trades & Related Workers, All Other	20 10	10	0	0.0 0.0	0
47-4999 47-5011	Derrick Operators, Oil & Gas	100	130	30	30.0	0
47-5011 47-5012	Rotary Drill Operators, Oil & Gas	170	230	60	35.3	20
47-5012 47-5013	Service Unit Operators, Oil, Gas, & Mining	140	200	60	42.9	10
71-0013	Corvide Offic Operators, Oil, Oas, & Willing	140	200	00	74.3	ı ''

Annual   A			Average Annual  Employment <sup>1</sup> Projected Change		Change	Total	
47-5021   Earth Drillers, Except Oil & Gas   10   10   0   0   0   0   0   0   0		Occupational Title			-		
47-5017   Roustabouts, Oil & Gas   190   250   60   31.6   20		·					
47-5081   Helpers-Extraction Workers   150   210   60   400   00   07-5099   Extraction Workers   All Other   10   20   10   100.0   00   07-5099   Extraction Workers   All Other   10   20   10   100.0   00   07-5099   Extraction Workers   All Other   10   20   10   100.0   00   07-5099   Extraction Workers   All Other   10   20   3,980   530   15.4   130   15.4   130   15.5		·					
49-000							
1900		·					
49-1011   First-Line Supervisors/Managers of Mechanics, Installers   320   380   60   18.8   20	47-5099	Extraction Workers, All Other	10	20	10	100.0	0
8 Repairers         320         380         60         18.8         20           49-2012         Computer, Automated Teller, & Office Machine Repairers         50         0         0.0         0           49-2022         Telecommunications Equipment Installers & Repairers         30         30         0         0.0         0           49-2091         Avionics Technicians         40         50         10         25.0         0           49-2092         Electric Motor, Power Tool, & Related Repairers         30         30         0         0.0         0           49-2093         Electrical & Electronics Repairers, Commercial & Industrial Equipment         10         10         0         0.0         0           49-2095         Electronic Repairers, Powerhouse, Substation, & Relay         30         30         0         0.0         0           49-2096         Electronic Equipment Installers & Repairers, Motor Vehicles         10         10         0         0.0         0           49-2097         Electronic Home Entertainment Equipment Installers & Repairers         20         20         0         0         0           49-3011         Aitcraft Mechanics & Service Technicians         40         40         0         0.0         0         0	49-0000	Installation, Maintenance, & Repair Occupations	3,450	3,980	530	15.4	130
Ag-2011   Computer, Automated Teller, & Office Machine Repairers   50   50   0   0.0   0   0   0   0   0   0   0	49-1011	·					
Aground   Agro		·			60		20
Except Line Installers			50	50	0	0.0	0
A9-2091   Avionics Technicians   40   50   10   25.0   0   49-2092   Electric Motor, Power Tool, & Related Repairers   30   30   0   0.0   0   0   0   0   0   0   0	49-2022						
49-2092   Electric Motor, Power Tool, & Related Repairers   30   30   0   0.0   0.0							
49-2093   Electrical & Electronics Installers & Repairers, Transportation Equipment   10   10   0   0   0   0   0   0   0							
Transportation Equipment			30	30	0	0.0	0
Hestrical & Electronics Repairers, Commercial & Industrial Equipment Equipment   20   20   0   0   0   0   0   0   0	49-2093	·	4.0	4.0			
Equipment	40.0004	·	10	10	0	0.0	0
Substation, & Relay   30   30   0   0.0   0   0   0   0   0   0   0	49-2094	·					_
Substation, & Relay	40.000=	·	20	20	0	0.0	0
49-2096   Electronic Equipment Installers & Repairers, Motor Vehicles   10	49-2095		00	00	•	0.0	
Vehicles   10	40.0000	· · · · · · · · · · · · · · · · · · ·	30	30	0	0.0	0
Security & Fire Alarm Systems Installers & Repairers   20   20   0   0.0   0   0   0   0   0   0   0	49-2096	· ·	40	40	0	0.0	
Repairers	40.0007		10	10	0	0.0	U
49-2098   Security & Fire Alarm Systems Installers   10	49-2097		00	00	0	0.0	
49-3011         Aircraft Mechanics & Service Technicians         40         40         0         0.0         0           49-3021         Automotive Body & Related Repairer         130         150         20         15.4         0           49-3022         Automotive Glass Installers & Repairers         10         10         0         0.0         0           49-3023         Automotive Service Technicians & Mechanics         460         520         60         13.0         20           49-3031         Bus & Truck Mechanics & Diesel Engine Specialists         230         260         30         13.0         10           49-3041         Farm Equipment Mechanics         60         70         10         16.7         0           49-3042         Mobile Heavy Equipment Mechanics, Except Engines         120         140         20         16.7         0           49-3042         Motorcycle Mechanics         10         10         0         0.0         0           49-3052         Motorcycle Mechanics         20         20         0         0.0         0           49-3073         Tire Repairers & Changers         140         160         20         14.3         10           49-9012         Cortrol & Valve Instal	40.0000	·					
49-3021         Automotive Body & Related Repairer         130         150         20         15.4         0           49-3022         Automotive Glass Installers & Repairers         10         10         0         0.0         0           49-3023         Automotive Service Technicians & Mechanics         460         520         60         13.0         20           49-3031         Bus & Truck Mechanics & Diesel Engine Specialists         230         260         30         13.0         10           49-3041         Farm Equipment Mechanics         60         70         10         16.7         0           49-3043         Rail Car Repairers         10         10         0         0.0         0           49-3043         Rail Car Repairers         10         10         0         0.0         0           49-3052         Motorcycle Mechanics         10         10         0         0.0         0           49-3053         Outdoor Power Equipment & Other Small Engine Mechanics         20         20         0         0.0         0           49-9012         Tire Repairers & Changers         20         20         0         0.0         0           49-9021         Heating, Air Conditioning, & Refrigeration Mechan							
49-3022							
49-3023         Automotive Service Technicians & Mechanics         460         520         60         13.0         20           49-3031         Bus & Truck Mechanics & Diesel Engine Specialists         230         260         30         13.0         10           49-3041         Farm Equipment Mechanics         60         70         10         16.7         0           49-3042         Mobile Heavy Equipment Mechanics, Except Engines         120         140         20         16.7         0           49-3043         Rail Car Repairers         10         10         0         0.0         0           49-3052         Motorcycle Mechanics         10         10         0         0.0         0           49-3053         Outdoor Power Equipment & Other Small Engine Mechanics         20         20         0         0.0         0           49-3093         Tire Repairers & Changers         140         160         20         14.3         10           49-9012         Control & Valve Installers & Repairers         Except Mechanics         20         20         0         0.0           49-9021         Heating, Air Conditioning, & Refrigeration Mechanics & Installers         120         160         40         33.3         0		· · · · · · · · · · · · · · · · · · ·					
49-3031         Bus & Truck Mechanics & Diesel Engine Specialists         230         260         30         13.0         10           49-3041         Farm Equipment Mechanics         60         70         10         16.7         0           49-3042         Mobile Heavy Equipment Mechanics, Except Engines         120         140         20         16.7         0           49-3043         Rail Car Repairers         10         10         0         0.0         0           49-3045         Motorcycle Mechanics         10         10         0         0.0         0           49-3053         Outdoor Power Equipment & Other Small Engine Mechanics         20         20         0         0.0         0           49-3093         Tire Repairers & Changers         140         160         20         14.3         10           49-9012         Control & Valve Installers & Repairers, Except Mechanical Door         30         40         10         33.3         0           49-9012         Heating, Air Conditioning, & Refrigeration Mechanics & Installers         120         160         40         33.3         0           49-9021         Heating, Air Conditioning, & Refrigeration Mechanics & Installers         20         20         0         0.0 <td< td=""><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td></td<>		•					
49-3041         Farm Equipment Mechanics         60         70         10         16.7         0           49-3042         Mobile Heavy Equipment Mechanics, Except Engines         120         140         20         16.7         0           49-3043         Rail Car Repairers         10         10         0         0.0         0           49-3052         Motorcycle Mechanics         10         10         0         0.0         0           49-3053         Outdoor Power Equipment & Other Small Engine Mechanics         20         20         0         0.0         0           49-3093         Tire Repairers & Changers         140         160         20         14.3         10           49-9012         Control & Valve Installers & Repairers, Except Mechanical Door         30         40         10         33.3         0           49-9021         Heating, Air Conditioning, & Refrigeration Mechanics & Installers         120         160         40         33.3         0           49-9021         Home Appliance Repairers         20         20         0         0.0         0           49-9031         Home Appliance Repairers         20         20         0         0.0         0           49-9041         Industr							
49-3042       Mobile Heavy Equipment Mechanics, Except Engines       120       140       20       16.7       0         49-3043       Rail Car Repairers       10       10       0       0.0       0         49-3052       Motorcycle Mechanics       10       10       0       0.0       0         49-3053       Outdoor Power Equipment & Other Small Engine Mechanics       20       20       0       0.0       0         49-3093       Tire Repairers & Changers       140       160       20       14.3       10         49-9012       Control & Valve Installers & Repairers, Except Mechanical Door       30       40       10       33.3       0         49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3		· · · · · · · · · · · · · · · · · · ·					
49-3043       Rail Car Repairers       10       10       0       0.0       0         49-3052       Motorcycle Mechanics       10       10       0       0.0       0         49-3053       Outdoor Power Equipment & Other Small Engine Mechanics       20       20       0       0.0       0         49-3093       Tire Repairers & Changers       140       160       20       14.3       10         49-9012       Control & Valve Installers & Repairers, Except Mechanical Door       30       40       10       33.3       0         49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0 <t< td=""><td></td><td>• •</td><td></td><td></td><td></td><td></td><td></td></t<>		• •					
49-3052       Motorcycle Mechanics       10       10       0       0.0       0         49-3053       Outdoor Power Equipment & Other Small Engine Mechanics       20       20       0       0.0       0         49-3093       Tire Repairers & Changers       140       160       20       14.3       10         49-9012       Control & Valve Installers & Repairers, Except Mechanical Door       30       40       10       33.3       0         49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
49-3053		•					· II
Mechanics   20   20   0   0.0   0		· · · · · · · · · · · · · · · · · · ·	10	10	U	0.0	
49-3093       Tire Repairers & Changers       140       160       20       14.3       10         49-9012       Control & Valve Installers & Repairers, Except Mechanical Door       30       40       10       33.3       0         49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0 <td>49-3033</td> <td></td> <td>20</td> <td>20</td> <td>0</td> <td>0.0</td> <td>0</td>	49-3033		20	20	0	0.0	0
49-9012       Control & Valve Installers & Repairers, Except Mechanical Door       30       40       10       33.3       0         49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10	49-3093						
Door   Heating, Air Conditioning, & Refrigeration Mechanics &   Installers   120   160   40   33.3   0		•	140	100	20	14.0	10
49-9021       Heating, Air Conditioning, & Refrigeration Mechanics & Installers       120       160       40       33.3       0         49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9099       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0 <td>40 0012</td> <td></td> <td>30</td> <td>40</td> <td>10</td> <td>33.3</td> <td>0</td>	40 0012		30	40	10	33.3	0
Installers	49-9021		00	10	10	00.0	
49-9031       Home Appliance Repairers       20       20       0       0.0       0         49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0	10 0021		120	160	40	33.3	0
49-9041       Industrial Machinery Mechanics       240       280       40       16.7       10         49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0	49-9031						
49-9042       Maintenance & Repair Workers, General       820       940       120       14.6       30         49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0							
49-9043       Maintenance Workers, Machinery       70       80       10       14.3       0         49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0							
49-9044       Millwrights       20       20       0       0.0       0         49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0							
49-9051       Electrical Power-Line Installers & Repairers       150       170       20       13.3       10         49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0		· · · · · · · · · · · · · · · · · · ·					
49-9052       Telecommunications Line Installers & Repairers       20       30       10       50.0       0         49-9069       Precision Instrument & Equipment Repairers, All Other       10       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0							
49-9069       Precision Instrument & Equipment Repairers, All Other       10       0       0.0       0         49-9091       Coin, Vending, & Amusement Machine Servicers & Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0							
49-9091       Coin, Vending, & Amusement Machine Servicers &         Repairers       20       20       0       0.0       0         49-9095       Manufactured Building & Mobile Home Installers       10       10       0       0.0       0		·					
Repairers         20         20         0         0.0         0           49-9095         Manufactured Building & Mobile Home Installers         10         10         0         0.0         0					· ·		
49-9095 Manufactured Building & Mobile Home Installers 10 10 0 0.0 0			20	20	0	0.0	О
	49-9095						
		<u> </u>					

222		Average Annual Employment <sup>1</sup>		Projected Change		Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-9098	HelpersInstallation, Maintenance, & Repair Workers	70	80	10	14.3	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	40	50	10	25.0	0
51-0000	Production Occupations	10,540	11,240	700	6.6	280
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	600	650	50	8.3	20
51-2022	Electrical & Electronic Equipment Assemblers	10	10	0	0.0	0
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	40	40	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	30	30	0	0.0	0
51-2092	Team Assemblers	350	350	0	0.0	10
51-2099	Assemblers & Fabricators, All Other	40	40	0	0.0	0
51-3011	Bakers  Putchers & Most Cutters	50	70	20	40.0	0
51-3021 51-3022	Butchers & Meat Cutters Meat, Poultry, & Fish Cutters & Trimmers	350 2,400	370 2,560	20 160	5.7 6.7	10 70
51-3022	Slaughterers & Meat Packers	2,400	2,830	170	6.4	80
51-3023	Food & Tobacco Roasting, Baking, & Drying Machine	2,000	2,000	170	0.4	
0.000.	Operators & Tenders	60	60	0	0.0	О
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	130	140	10	7.7	0
51-3099	Food Processing Workers, All Other	230	240	10	4.3	10
51-4011	Computer-Controlled Machine Tool Operators, Metal &					
	Plastic	40	50	10	25.0	0
51-4012	Numerical Tool & Process Control Programmers	10	10	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &	10	10	U	0.0	ľ
31 4031	Tenders, Metal & Plastic	40	40	0	0.0	0
51-4032	Drilling & Boring Machine Tool Setters, Operators, &					
	Tenders, Metal & Plastic	10	10	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool					
	Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, &					
<b>54</b> 4044	Tenders, Metal & Plastic	20	20	0	0.0	0
51-4041	Machinests Melding Coromaking & Casting Machine Settors	110	120	10	9.1	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,	10	10	U	0.0	
01 4001	Metal & Plastic	10	10	0	0.0	0
51-4111	Tool & Die Makers	10	10	0	0.0	o l
51-4121	Welders, Cutters, Solderers, & Brazers	220	250	30	13.6	10
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	10	10	0	0.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	
51-4194	Tool Grinders, Filers, & Sharpeners	10 10	10 10	0	0.0 0.0	0 0
51-4199	Metal Workers & Plastic Workers, All Other	10	10	0	0.0	0
51-5011	Bindery Workers	10	10	0	0.0	0
51-5021	Job Printers	10	10	0	0.0	0
51-5022	Prepress Technicians & Workers	30	20	-10	-33.3	Ō
51-5023	Printing Machine Operators	70	70	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	140	170	30	21.4	0

200		Average Annual Employment <sup>1</sup> Projected Change		Change	Total Annual	
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-6021	Pressers, Textile, Garment, & Related Materials	30	30	0	0.0	0
51-6031	Sewing Machine Operators	20	20	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	10	10	0		0
51-6093	Upholsterers	10	10	0		o O
51-6099	Textile, Apparel, & Furnishings Workers, All Other	10	10	0		0
51-7011	Cabinetmakers & Bench Carpenters	30	30	0		o 0
51-7011	Furniture Finishers	10	10	0		ő
51-7042	Woodworking Machine Setters, Operators, & Tenders,	10	10	O	0.0	
31 7042	Except Sawing	20	20	0	0.0	0
51-8012	Power Distributors & Dispatchers	10	10	0		ő
51-8013	Power Plant Operators	50	60	10		ő
51-8021	Stationary Engineers & Boiler Operators	30	30	0		0
51-8031	Water & Liquid Waste Treatment Plant & System	30	30	U	0.0	0
31-0031	Operators	100	110	10	10.0	0
51-8091	Chemical Plant & System Operators	20	20			0
51-8091		60	90	0 30		0 0
	Gas Plant Operators  Petroloum Pump System Operators, Refinery Operators, 8	00	90	30	50.0	· •
51-8093	Petroleum Pump System Operators, Refinery Operators, &	50	60	10	20.0	
E4 0000	Gaugers  Plant & System Operators, All Other	10	60 10	10		0
51-8099	Plant & System Operators, All Other		30	0		0
51-9011	Chemical Equipment Operators & Tenders	30	30	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still	20	40	40	22.2	
E4 0004	Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,	00	00	0	0.0	
54 0000	Operators, & Tenders	60	60	0		0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	110	110	0		0
51-9031	Cutters & Trimmers, Hand	10	10	0		0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	80	90	10	12.5	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine	40	40	•	0.0	
54 0054	Setters, Operators, & Tenders	40	40	0		0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	10	10	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	290	310	20		10
51-9071	Jewelers & Precious Stone & Metal Workers	10	10	0		0
51-9083	Ophthalmic Laboratory Technicians	10	10	0		0
51-9111	Packaging & Filling Machine Operators & Tenders	590	630	40	6.8	10
51-9121	Coating, Painting, & Spraying Machine Setters, Operators,	40	40	•	0.0	
54.0400	& Tenders	40	40	0		0
51-9122	Painters, Transportation Equipment	10	10	0		0
51-9123	Painting, Coating, & Decorating Workers	10	10	0		0
51-9131	Photographic Process Workers	10	10	0		0
51-9132	Photographic Processing Machine Operators	30	30	0		0
51-9191	Cementing & Gluing Machine Operators & Tenders	10	10	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators	00	70	4.0	40.7	
	& Tenders	60	70	10		0
51-9193	Cooling & Freezing Equipment Operators & Tenders	50	60	10		0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	20	30	10		0
51-9197	Tire Builders	10	10	0		0
51-9198	HelpersProduction Workers	300	300	0	0.0	10
51-9199	Production Workers, All Other	290	290	0	0.0	10
53-0000	Transportation & Material Moving Occupations	6,530	7,220	690	10.6	210
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, &					
	Material Movers, Hand	100	120	20	20.0	0

SOC		Average Annual  Employment <sup>1</sup> Projected Change			Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-1031	First-Line Supervisors/Managers of Transportation &					
	Material-Moving Machine & Vehicle Operators	190	220	30	15.8	10
53-2021	Air Traffic Controllers	20	20	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	20	20	0	0.0	0
53-3022	Bus Drivers, School	380	430	50	13.2	10
53-3031	Driver/Sales Workers	260	280	20	7.7	0
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,750	2,080	330	18.9	60
53-3033	Truck Drivers, Light or Delivery Services	490	570	80	16.3	20
53-3041	Taxi Drivers & Chauffeurs	30	40	10	33.3	0
53-3099	Motor Vehicle Operators, All Other	20	30	10	50.0	0
53-4011	Locomotive Engineers	20	30	10	50.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	20	20	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	20	20	0	0.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	90	100	10	11.1	0
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	10	0	0.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	90	100	10	11.1	0
53-7021	Crane & Tower Operators	20	20	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	20	30	10	50.0	0
53-7041	Hoist & Winch Operators	20	20	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	350	370	20	5.7	10
53-7061	Cleaners of Vehicles & Equipment	350	360	10	2.9	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	1,140	1,090	-50	-4.4	40
53-7063	Machine Feeders & Offbearers	90	90	0	0.0	0
53-7064	Packers & Packagers, Hand	630	650	20	3.2	10
53-7071	Gas Compressor & Gas Pumping Station Operators	30	40	10	33.3	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	200	280	80	40.0	20
53-7081	Refuse & Recyclable Material Collectors	80	90	10	12.5	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	30	30	0	0.0	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

## **South Central Region**

## South Central Kansas Region Occupational Trends

In 2002, total occupational employment was 340,050 and is projected to reach 385,530 in 2012, or 13.4 percent growth over the period. In 2002, the top three major occupational groups were **Office** and **Administrative Support, Production,** and **Sales and Related** occupations, with employments of 51,770, 34,990 and 33,550 respectively.

The **Sales and Related** occupational group is expected to have the largest growth in jobs with 4,300 new jobs, followed by the **Food Preparation and Serving Related** occupational group with growth of 4,230. Two occupational groups, **Healthcare Support** and **Education, Training and Library,** will experience the greatest percent change, 26.6 and 23.5 percent respectively.

The greatest number of annual openings are expected in the **Office and Administrative Support** occupational group, with 1,560, followed by the **Sales and Related** occupational group with 1,520 annual openings. These two occupational groups will have approximately one-fourth of all the annual job openings for the South Central region. Within the **Office and Administrative Support** occupational group, **office clerks, general,** are projected to have the most annual openings with 180, followed by **customer service representatives** with 140 annual openings.

The five occupations projected to add the most jobs during the 10-year period are: **registered nurses** with 1,760; **combined food preparation and serving workers, including fast food,** with 1,410; **janitors and cleaners, except maids and housekeeping cleaners,** with 1,190; **cashiers** with 1,170; and **nursing aides, orderlies, and attendants** with 1,160. These five occupations will make up 14.7 percent of the total projected employment increase.

Name		·	Average Annual Employment <sup>1</sup> Projected Change		Change	Total	
11-000   Management Occupations   340,050   32,590   2,080   6.8   540	SOC Code	Occupational Title			•		Annual Openings <sup>2</sup>
11-1011   Chief Executives		Total, All South Central Occupations	<u>340,050</u>	<u>385,530</u>	<u>45,480</u>	<u>13.4</u>	
11-1021   General & Operations Managers   3,780   4,380   600   15.9   0	11-0000	Management Occupations	30,610	32,690	2,080	6.8	540
11-1031   Legislators	11-1011	<del>-</del>				15.5	40
11-1031   Legislators	11-1021	General & Operations Managers	3,780	4,380	600	15.9	130
11-2021   Marketing Managers   360   420   60   16.7   20	11-1031	•	170	180	10	5.9	0
11-2022   Sales Managers   760   940   180   22.7   30     11-2031   Public Relations Managers   90   100   10   11.1   0     11-3011   Administrative Services Managers   540   610   70   13.0   20     11-3021   Computer & Information Systems Managers   520   640   120   22.1   20     11-3040   Computer & Information Systems Managers   1.260   1.420   160   12.7   40     11-3040   Human Resources Managers   310   360   50   16.1   20     11-3051   Industrial Production Managers   1.180   1.270   90   7.6   30     11-3071   Transportation, Storage, & Distribution Managers   180   210   30   16.7   0     11-3071   Transportation, Storage, & Distribution Managers   180   210   30   16.7   0     11-9011   Farmers & Ranchers   14,190   13,790   -400   -2.8   40     11-9021   Construction Managers   14,190   13,790   -400   -2.8   40     11-9031   Education Administrators, Preschool & Child Care   Center/Program   80   100   20   25.0   0     11-9032   Education Administrators, Elementary & Secondary School   550   680   130   23.6   20     11-9033   Education Administrators, Postsecondary   180   220   40   22.2   0     11-9041   Engineering Managers   620   720   100   16.1   20     11-9041   Engineering Managers   620   720   100   16.1   20     11-9081   Lodging Managers   630   810   180   28.6   30     11-9191   Medical & Health Services Managers   630   810   180   28.6   30     11-911   Natural Sciences Managers   630   810   180   28.6   30     11-911   Natural Sciences Managers   200   240   40   22.0   0     11-911   Agents & Business Managers   630   810   180   28.6   30     11-912   Natural Sciences Managers   200   240   40   22.0   0     11-913   Postmasters & Business Managers   630   810   180   28.6   30     11-911   Agents & Business Managers   630   810   180   28.6   30     11-913   Postmasters & Business Managers   630   810   180   28.6   30     11-913   Postmasters & Business Managers   200   240   40   22.0   0     11-914   Agents & Business Managers   630   830   30   0   0   0   0     13	11-2011	<del>-</del>	120	150	30	25.0	0
11-2031   Public Relations Managers   90   100   10   11.1   0			360	420	60	16.7	20
11-3011   Administrative Services Managers   540   610   70   13.0   20	11-2022	Sales Managers	760	940	180	23.7	30
11-3021   Computer & Information Systems Managers   1,260   1,420   160   12.7   40	11-2031	Public Relations Managers	90	100	10	11.1	0
11-3031   Financial Managers   1,260   1,420   160   12.7   40     11-3040   Human Resources Managers   310   360   50   16.1   20     11-3051   Industrial Production Managers   1,180   1,270   90   7.6   30     11-3061   Purchasing Managers   230   230   0   0   0     11-3071   Transportation, Storage, & Distribution Managers   180   210   30   16.7   0     11-9011   Farm, Ranch, & Other Agricultural Managers   30   30   0   0   0     11-9012   Farmers & Ranchers   14,190   13,790   -400   -2.8   40     11-9021   Construction Managers   570   660   90   15.8   20     11-9031   Education Administrators, Preschool & Child Care   Center/Program   80   100   20   25.0   0     11-9032   Education Administrators, Elementary & Secondary School   550   680   130   23.6   20     11-9032   Education Administrators, Postsecondary   180   220   40   22.2   0     11-9032   Education Administrators, All Other   30   30   0   0.0   0     11-9041   Engineering Managers   1,060   1,150   90   8.5   30     11-9041   Engineering Managers   620   720   100   16.1   20     11-9081   Food Service Managers   620   720   100   16.1   20     11-9081   Lodging Managers   630   810   810   82.6   30     11-911   Medical & Health Services Managers   630   810   80   28.6   30     11-9121   Natural Sciences Managers   30   30   0   0   0     11-9151   Social & Community Association Managers   250   300   50   200   20     11-9151   Social & Community Association Managers   250   300   50   200   20     11-9151   Social & Community Service Managers   1,180   1,180   10   9,3   30     13-000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1     13-1012   Purchasing Agents & Buyers, Except Farm Products   40   40   0   0   0     31-1021   Purchasing Agents & Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30     31-1014   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30     31-1061   Employment, Recr	11-3011	Administrative Services Managers	540	610	70	13.0	20
Human Resources Managers	11-3021	Computer & Information Systems Managers	520	640	120	23.1	20
11-3051     Industrial Production Managers     1,180     1,270     90     7.6     30       11-3061     Purchasing Managers     230     230     0     0.0     10       11-3071     Transportation, Storage, & Distribution Managers     180     210     30     16.7     0       11-9011     Farm, Ranch, & Other Agricultural Managers     30     30     0     0.0     0       11-9021     Farmer, & Ranchers     570     660     90     15.8     20       11-9031     Education Administrators, Preschool & Child Care     Center/Program     80     100     20     25.0     0       11-9032     Education Administrators, Preschool & Child Care     Center/Program     80     100     20     25.0     0       11-9032     Education Administrators, Postsecondary     180     220     40     22.2     0       11-9032     Education Administrators, All Other     30     30     0     0.0     0       11-9031     Education Administrators, All Other     30     30     0     0.0     0       11-9041     Engineering Managers     1,060     1,150     90     8.5     30       11-9051     Food Service Managers     620     720     10     16.1     20	11-3031	Financial Managers	1,260	1,420	160	12.7	40
11-3061   Purchasing Managers   230   230   0   0.0   10     11-3071   Transportation, Storage, & Distribution Managers   180   210   30   16.7   0     11-9012   Farm, Ranch, & Other Agricultural Managers   30   30   0   0.0   0     11-9012   Farmers & Ranchers   14,190   13,790   -400   -2.8   40     11-9021   Construction Managers   570   660   90   15.8   20     11-9031   Education Managers   570   660   90   15.8   20     11-9031   Education Administrators, Preschool & Child Care   Center/Program   80   100   20   25.0   0     11-9032   Education Administrators, Elementary & Secondary School   550   680   130   23.6   20     11-9033   Education Administrators, Postsecondary   180   220   40   22.2   0     11-9039   Education Administrators, All Other   30   30   0   0.0   0     Engineering Managers   1,060   1,150   90   8.5   30     11-9051   Food Service Managers   620   720   100   16.1   20     11-9081   Lodging Managers   600   60   0   0.0   0     11-9111   Natural Sciences Managers   630   810   180   28.6   30     11-9121   Natural Sciences Managers   630   810   180   28.6   30     11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0     11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20     11-9199   Managers, All Other   1,080   1,180   100   9.3     13-000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1     400   400   400   0   0   0     13-1021   Purchasing Agents & Buyers, Farm Products   300   330   30   10.0   0     13-1021   Claims Adjusters, Except Wholesale, Retail, & Farm   Products   300   330   30   10.0   0     13-1032   Claims Adjusters, Except Wholesale, Retail, & Farm   Products   300   330   30   10.0   0     13-1031   Claims Adjusters, Except Agriculture, Construction,   Health & Safety, & Transportation   680   730   50   7.4   30     13-1051   Compensation, Benefits, & Job Analysis Specialists   200   250   25.0   10     13-1071   Employment, Recruitment, & Placement Specialists	11-3040	Human Resources Managers	310	360	50	16.1	20
11-9071   Transportation, Storage, & Distribution Managers   180   210   30   16.7   11-9011   Farm, Ranch, & Other Agricultural Managers   14,190   13,790   400   2.8   40   11-9021   Construction Managers   14,190   13,790   400   2.8   40   11-9021   Education Administrators, Preschool & Child Care Center/Program   80   100   20   25.0   0   11-9032   Education Administrators, Elementary & Secondary School   550   680   130   23.6   20   11-9032   Education Administrators, Postsecondary   180   220   40   22.2   0   11-9039   Education Administrators, All Other   30   30   0   0.0   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9041   Food Service Managers   620   720   100   16.1   20   11-9081   Cody Service Managers   60   60   0   0.0   0   0   11-9081   Lodging Managers   60   60   60   0   0.0   0   0   11-9121   Medical & Health Services Managers   30   30   0   0.0   0   0   11-9121   Postmasters & Mail Superintendents   180   220   40   22.2   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9191   Managers   200   240   40   20.0   0   20   11-9199   Managers, All Other   1,080   1,180   1,180   15.1   400   13-1021   Purchasing Agents & Buyers, Farm Products   390   390   0   0.0   0   0   13-1022   Molesale & Retail Buyers, Except Farm Products   390   390   0   0.0   0   0   13-1022   Molesale & Retail Buyers, Except Farm Products   390   390   0   0.0   0   0   13-1021   Claims Adjusters, Except Wholesale, Retail, & Farm Products   390   390   0   0.0   0   0   13-1032   Claims Adjusters, Except Farm Products   390   390   0   0.0   0   0   13-1032   Claims Adjusters, Except Farm Products   390   390   0   0.0   0   0   13-1032   Claims Adjusters, Except Farm Products   390   390   0   0.0   0   0   13-1032   Claims Adjusters, Except Farm Products   390   390   0   0.0   0   0   0   13-1032   Claims Adjusters, Except Agriculture, Construction, Health & Safety, & Transportation   820   970   150   18.3   40   13-1031   Complement,	11-3051	Industrial Production Managers	1,180	1,270	90	7.6	30
11-9011   Farm, Ranch, & Other Agricultural Managers   30   30   0   0.0   0   11-9012   Farmers & Ranchers   14,190   13,790   -400   -2.8   40   11-9021   Construction Managers   570   660   90   15.8   20   15.8   20   15.9   20   20   20   20   20   20   20   2	11-3061	Purchasing Managers	230	230	0	0.0	10
11-9012   Farmers & Ranchers   14,190   13,790   -400   -2.8   20   11-9021   Construction Managers   570   660   90   15.8   20   11-9031   Education Administrators, Preschool & Child Care   Center/Program   80   100   20   25.0   0   0   11-9032   Education Administrators, Plesteecondary School   550   680   130   23.6   20   11-9032   Education Administrators, Postsecondary   180   220   40   22.2   0   0   11-9039   Education Administrators, All Other   30   30   0   0.0   0   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   630   810   180   28.6   30   11-9121   Administrators & Mail Superintendents   180   220   40   22.2   0   10   4.8   10   11-9121   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9151   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9151   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Agents & Business Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-1021   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   40   40   0   0.0   0   0   13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Molesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Molesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Molesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Molesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Ad	11-3071	Transportation, Storage, & Distribution Managers	180	210	30	16.7	0
11-9021   Construction Managers   570   660   90   15.8   20   11-9031   Education Administrators, Preschool & Child Care   Center/Program   80   100   20   25.0   0   0   11-9032   Education Administrators, Elementary & Secondary School   550   680   130   23.6   20   11-9032   Education Administrators, Postsecondary   180   220   40   22.2   0   11-9032   Education Administrators, Plotsbecondary   180   220   40   22.2   0   11-9032   Education Administrators, Plotsbecondary   180   220   40   22.2   0   11-9032   Education Administrators, Plotsbecondary   180   220   40   22.2   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9051   Food Service Managers   620   720   100   16.1   20   11-9051   Founeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   630   810   180   220   10   4.8   10   11-9081   Lodging Managers   630   810   180   28.6   30   11-9111   Natural Sciences Managers   30   30   0   0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Social & Community Association Managers   250   300   50   20.0   20   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-000   Managers, All Other   1,080   1,180   100   9.3   30   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0   0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0   0   0   13-1021   Purchasing Agents & Buyers, Except Farm Products   390   390   0   0   0   0   10   10-1000   0   13-1031   Claims Adjusters, Except Pariculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1061   Emergency Management Specialists   20   30   30   50   7.4   30   13-1071   Employment, Recruitment, & Placement Specialists   20   30   30   50   7.9   10   10-1000   10   10-1000   10   10	11-9011	Farm, Ranch, & Other Agricultural Managers	30	30	0	0.0	0
Education Administrators, Preschool & Child Care Center/Program	11-9012	Farmers & Ranchers	14,190	13,790	-400	-2.8	40
Center/Program	11-9021	Construction Managers	570	660	90	15.8	20
11-9032   Education Ādministrators, Elementary & Secondary School   550   680   130   23.6   20   20   20   20   20   20   20   2	11-9031	Education Administrators, Preschool & Child Care					
11-9033   Education Administrators, Postsecondary   180   220   40   22.2   0   11-9039   Education Administrators, All Other   30   30   0   0.0   0   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   60   60   0   0.0   0   0   11-911   Medical & Health Services Managers   630   810   180   22.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   30   30   30   30   30   30		Center/Program	80	100	20	25.0	0
11-9033   Education Administrators, Postsecondary   180   220   40   22.2   0   11-9039   Education Administrators, All Other   30   30   0   0.0   0   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   630   810   180   22.6   30   11-9121   Natural Sciences Managers   630   810   180   22.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   30   30   30   30   30   30	11-9032	Education Administrators, Elementary & Secondary School	550	680	130	23.6	20
11-9039   Education Administrators, All Other   30   30   0   0.0   0   11-9041   Engineering Managers   1,060   1,150   90   8.5   30   11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   60   60   60   0   0.0   0   0   11-9111   Medical & Health Services Managers   630   810   180   28.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   0   11-919   Managers, All Other   1,080   1,180   100   9.3   30   13-1000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1023   Purchasing Agents & Except Wholesale, Retail, & Farm Products   300   330   30   10.0   0   13-1032   Insurance Appraisers, Auto Damage   10   10   0   0.0   0   13-1031   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   820   970   150   18.3   40   13-1071   Employment, Recruitment, & Placement Specialists   200   300   500   22.5   20   13-1072   Compensation, Benefits, & Joh Analysis Specialists   200   250   50   25.0   10   13-1072   Training & Development Specialists   400   400   400   90   22.5   200   10   10-10   10   10   10   10   10	11-9033	Education Administrators, Postsecondary	180	220	40	22.2	
11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   60   60   0   0.0   0   0   11-911   Medical & Health Services Managers   630   810   180   28.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-1001   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1032   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0   13-1031   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1061   Emergency Management Specialists   20   30   30   50   7.9   10   13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   17-1075   17-1075   17-1075   17-1076   17-1076   17-1076   17-1076   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-107776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776		· · · · · · · · · · · · · · · · · · ·	30	30	0	0.0	0
11-9051   Food Service Managers   620   720   100   16.1   20   11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   60   60   0   0.0   0   0   11-911   Medical & Health Services Managers   630   810   180   28.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-1001   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1032   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0   13-1031   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1061   Emergency Management Specialists   20   30   30   50   7.9   10   13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   10   13-1073   17-1075   17-1075   17-1075   17-1076   17-1076   17-1076   17-1076   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-107776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776   17-10776		· · · · · · · · · · · · · · · · · · ·	1,060	1,150	90		30
11-9061   Funeral Directors   210   220   10   4.8   10   11-9081   Lodging Managers   60   60   60   0   0.0   0   0   11-9111   Medical & Health Services Managers   630   810   180   28.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1031   Claims Adjusters, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0   13-1031   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1061   Emergency Management Specialists   20   30   10   50.0   0   13-1071   Employment, Recruitment, & Placement Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   200		• •			100		
11-9081   Lodging Managers   60   60   0   0.0   0   11-9111   Medical & Health Services Managers   630   810   180   28.6   30   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9131   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   10   13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1061   Emergency Management Specialists   20   30   10   50.0   0   13-1071   Employment, Recruitment, & Placement Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20   20   20   20   20   20   20   2			210	220	10	4.8	
11-9111   Medical & Health Services Managers   630   810   180   28.6   30   11-9121   Natural Sciences Managers   30   30   0   0.0   0   0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   10   10   10   10   1		Lodging Managers	60	60			
11-9121   Natural Sciences Managers   30   30   0   0.0   0   11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0   11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20   11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   10   10   10   10   1			630		180		
11-9131   Postmasters & Mail Superintendents   180   220   40   22.2   0     11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   20     11-9151   Social & Community Service Managers   200   240   40   20.0   0     11-9199   Managers, All Other   1,080   1,180   100   9.3   30     13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1     13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0     13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0     13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10     13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40     13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0     13-1032   Insurance Appraisers, Auto Damage   10   10   0   0.0   0     13-1041   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30     13-1051   Cost Estimators   820   970   150   18.3   40     13-1061   Emergency Management Specialists   280   330   50   17.9   10     13-1071   Employment, Recruitment, & Placement Specialists   280   330   50   17.9   10     13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10     13-1073   Training & Development Specialists   400   490   90   22.5							
11-9141   Property, Real Estate, & Community Association Managers   250   300   50   20.0   11-9151   Social & Community Service Managers   200   240   40   20.0   0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30   13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0   13-1032   Insurance Appraisers, Auto Damage   10   10   0   0.0   0   13-1041   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1051   Emergency Management Specialists   280   330   50   17.9   10   13-1071   Employment, Recruitment, & Placement Specialists   280   330   50   17.9   10   13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20		S .					
11-9151   Social & Community Service Managers   200   240   40   20.0   0   11-9199   Managers, All Other   1,080   1,180   100   9.3   30     13-0000   Business & Financial Operations Occupations   12,520   14,410   1,890   15.1   400   13-1011   Agents & Business Managers of Artists, Performers, & Athletes   10   20   10   100.0   0   0   13-1021   Purchasing Agents & Buyers, Farm Products   40   40   0   0.0   0   0   13-1022   Wholesale & Retail Buyers, Except Farm Products   390   390   0   0.0   10   13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm Products   1,170   1,280   110   9.4   40   13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0   13-1032   Insurance Appraisers, Auto Damage   10   10   0   0.0   0   0   13-1041   Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation   680   730   50   7.4   30   13-1051   Cost Estimators   820   970   150   18.3   40   13-1051   Emergency Management Specialists   20   30   10   50.0   0   13-1071   Employment, Recruitment, & Placement Specialists   280   330   50   17.9   10   13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10   13-1073   Training & Development Specialists   400   490   90   22.5   20		·			50		20
11-9199         Managers, All Other         1,080         1,180         100         9.3         30           13-0000         Business & Financial Operations Occupations         12,520         14,410         1,890         15.1         400           13-1011         Agents & Business Managers of Artists, Performers, & Athletes         10         20         10         100.0         0           13-1021         Purchasing Agents & Buyers, Farm Products         390         390         0         0.0         0           13-1022         Wholesale & Retail Buyers, Except Farm Products         390         390         0         0.0         10           13-1023         Purchasing Agents, Except Wholesale, Retail, & Farm Products         1,170         1,280         110         9.4         40           13-1031         Claims Adjusters, Examiners, & Investigators         300         330         30         10.0         0           13-1032         Insurance Appraisers, Auto Damage         10         10         0         0.0         0           13-1041         Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation         680         730         50         7.4         30           13-1051         Cost Estimators         820         970							
13-1011       Agents & Business Managers of Artists, Performers, & Athletes       10       20       10       100.0       0         13-1021       Purchasing Agents & Buyers, Farm Products       40       40       0       0.0       0         13-1022       Wholesale & Retail Buyers, Except Farm Products       390       390       0       0.0       10         13-1023       Purchasing Agents, Except Wholesale, Retail, & Farm Products       1,170       1,280       110       9.4       40         13-1031       Claims Adjusters, Examiners, & Investigators       300       330       30       10.0       0         13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1071       Emergency Management Specialists       20       30       10       50.0       0         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Deve	11-9199	Managers, All Other		1,180	100		30
Athletes 10 20 10 100.0 0  13-1021 Purchasing Agents & Buyers, Farm Products 40 40 0 0.0  13-1022 Wholesale & Retail Buyers, Except Farm Products 390 390 0 0.0  13-1023 Purchasing Agents, Except Wholesale, Retail, & Farm Products 1,170 1,280 110 9.4  Products 1,170 1,280 110 9.4  13-1031 Claims Adjusters, Examiners, & Investigators 300 330 30 10.0  13-1032 Insurance Appraisers, Auto Damage 10 10 0 0.0  13-1041 Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation 680 730 50 7.4  13-1051 Cost Estimators 820 970 150 18.3  13-1061 Emergency Management Specialists 20 30 10 50.0  13-1071 Employment, Recruitment, & Placement Specialists 280 330 50 17.9  13-1072 Compensation, Benefits, & Job Analysis Specialists 200 250 50 25.0  13-1073 Training & Development Specialists 400 490 90 22.5			12,520	14,410	1,890	15.1	400
13-1021       Purchasing Agents & Buyers, Farm Products       40       40       0       0.0       0         13-1022       Wholesale & Retail Buyers, Except Farm Products       390       390       0       0.0       10         13-1023       Purchasing Agents, Except Wholesale, Retail, & Farm Products       1,170       1,280       110       9.4       40         13-1031       Claims Adjusters, Examiners, & Investigators       300       330       30       10.0       0         13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Spe			10	20	10	100.0	0
13-1022       Wholesale & Retail Buyers, Except Farm Products       390       390       0       0.0       10         13-1023       Purchasing Agents, Except Wholesale, Retail, & Farm Products       1,170       1,280       110       9.4       40         13-1031       Claims Adjusters, Examiners, & Investigators       300       330       30       10.0       0         13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20	13-1021	Purchasing Agents & Buyers, Farm Products					
13-1023   Purchasing Agents, Except Wholesale, Retail, & Farm   Products   1,170   1,280   110   9.4   40     13-1031   Claims Adjusters, Examiners, & Investigators   300   330   30   10.0   0     13-1032   Insurance Appraisers, Auto Damage   10   10   0   0.0   0     13-1041   Compliance Officers, Except Agriculture, Construction,   Health & Safety, & Transportation   680   730   50   7.4   30     13-1051   Cost Estimators   820   970   150   18.3   40     13-1061   Emergency Management Specialists   20   30   10   50.0   0     13-1071   Employment, Recruitment, & Placement Specialists   280   330   50   17.9   10     13-1072   Compensation, Benefits, & Job Analysis Specialists   200   250   50   25.0   10     13-1073   Training & Development Specialists   400   490   90   22.5   20							
Products       1,170       1,280       110       9.4       40         13-1031       Claims Adjusters, Examiners, & Investigators       300       330       30       10.0       0         13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20							
13-1031       Claims Adjusters, Examiners, & Investigators       300       330       30       10.0       0         13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20		e e	1,170	1,280	110	9.4	40
13-1032       Insurance Appraisers, Auto Damage       10       10       0       0.0       0         13-1041       Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20	13-1031	Claims Adjusters, Examiners, & Investigators					
13-1041 Compliance Officers, Except Agriculture, Construction,         Health & Safety, & Transportation       680       730       50       7.4       30         13-1051 Cost Estimators       820       970       150       18.3       40         13-1061 Emergency Management Specialists       20       30       10       50.0       0         13-1071 Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072 Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073 Training & Development Specialists       400       490       90       22.5       20							
Health & Safety, & Transportation       680       730       50       7.4       30         13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20		• • • • • • • • • • • • • • • • • • • •			J		
13-1051       Cost Estimators       820       970       150       18.3       40         13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20		· · · · · · · · · · · · · · · · · · ·	680	730	50	7.4	30
13-1061       Emergency Management Specialists       20       30       10       50.0       0         13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20	13-1051	· · · · · · · · · · · · · · · · · · ·					
13-1071       Employment, Recruitment, & Placement Specialists       280       330       50       17.9       10         13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20							
13-1072       Compensation, Benefits, & Job Analysis Specialists       200       250       50       25.0       10         13-1073       Training & Development Specialists       400       490       90       22.5       20							
13-1073 Training & Development Specialists 400 490 90 22.5 20		·······································					
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SOC   Code   Cocupational Title   Code   Cocupational Title   Copational Title   Copati		·	Average Annual  Employment <sup>1</sup> Projected Change		Change	Total	
13-1121   Meeting & Convention Planners   70   80   10   14.3   0   13-1199   Business Operations Specialists, All Other   1,830   2,180   350   19.1   70   70   70   70   70   70   70   7	SOC Code	Occupational Title					Annual Openings <sup>2</sup>
13-1199	13-1121	Meeting & Convention Planners	70	80	10	14 3	
13-2011   Accountants & Auditors   2,400   2,900   500   20.8   100   13-2021   Appraisers & Assessors of Real Estate   180   210   30   16.7   0   13-2031   Budget Analysts   130   140   160   17.7   0   13-2031   Budget Analysts   140   160   20   14.3   0   0   13-2051   Financial Analysts   750   820   70   9.3   20   13-2052   Personal Financial Advisors   200   240   40   20.0   0   0   13-2052   Personal Financial Advisors   200   240   40   20.0   0   0   13-2053   Personal Financial Advisors   200   240   40   20.0   0   0   13-2053   Personal Financial Advisors   200   20   0   0   0   0   0   13-2053   Personal Financial Examiners   30   30   0   0.0   0   0   0   13-2054   Personal Financial Examiners   30   30   0   0.0   0   0   0   13-2071   Loan Counselors   200   20   0   0   0   0   0   13-2071   Loan Counselors   950   1,050   100   10.5   30   0   0   0   13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   0   0   13-2082   Tax Preparers   160   210   50   31.3   10   13-2082   Tax Preparers   160   210   50   31.3   10   13-2082   Tax Preparers   160   210   50   31.3   10   15-1011   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170   15-1031   Computer Statement   40   50   10   25.0   0   20   15-1031   Computer Software Engineers, Applications   860   1,020   160   18.6   30   15-1031   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1041   Computer Systems Analysts   900   1,090   190   21.1   30   15-1061   Database Administrators   200   250   50   10   15-1061   Database Administrators   200   250   50   10   15-1061   Database Administrators   200   250   400   26   26   30   30   30   0   0   0   15-1061   15-1061   Database Administrators   200   250   400   0   0   15-1061   1							
13-2021   Appraisers & Assessors of Real Estate   180   210   30   16.7   0   13-2031   Budget Analysts   130   140   160   7.7   0   13-2041   Credit Analysts   140   160   20   14.3   0   13-2051   Financial Analysts   750   820   70   9.3   20   13-2051   Financial Analysts   750   820   70   9.3   20   13-2052   Financial Analysts   120   130   10   8.3   0   13-2053   Insurance Underwriters   120   130   10   8.3   0   0   0   0   0   13-2053   Insurance Underwriters   30   30   0   0   0   0   0   0   0				•			
13-2031   Budget Analysts   130   140   10   7.7   0				•			
13-2041   Credit Analysts   140   160   20   14.3   0     13-2051   Financial Analysts   750   820   76   9.3   20     13-2052   Personal Financial Advisors   200   240   40   20.0   0     13-2053   Insurance Underwriters   120   130   10   8.3   0     13-2061   Financial Examiners   30   30   0   0.0   0     13-2071   Loan Counselors   20   20   0   0.0   0     13-2071   Loan Officers   950   1,050   100   10.5   30     13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0.0   0     13-2082   Tax Preparers   160   210   50   31.3   10     13-2093   Financial Examiners, Collectors, & Revenue Agents   90   90   0   0.0   0     13-2093   Tax Preparers   160   210   50   31.3   10     13-2099   Financial Specialists, All Other   160   210   50   31.3   10     13-2099   Financial Specialists, All Other   160   210   50   31.3   10     13-2099   Financial Specialists, All Other   160   210   50   31.3   10     15-1000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170     15-1011   Computer & Information Scientists, Research   40   50   10   25.0   0     15-1021   Computer Software Engineers, Systems & 820   820   0   0   0   20     15-1031   Computer Software Engineers, Systems & 860   1,020   160   18.6   30     15-1031   Computer Systems Analysts   1120   1,320   200   17.9   30     15-1041   Computer Systems Analysts   900   1,090   190   21.1   30     15-1051   Database Administrators   560   720   160   28.6   30     15-1061   Database Administrators   560   720   160   28.6   30     15-1071   Network & Computer Systems Administrators   560   720   160   28.6   30     15-2011   Autuaires   Database Administrators   560   720   160   28.6   30     15-2011   Catheries & Bata Communications Analysts   900   100   10   11.1   0     15-2011   Autuaires   30   30   0   0   0     15-2031   Operations Research Analysts   900   100   10   11.1   0     17-2012   Cartographers & Photogrammetrists   50   70   20   40.0   0     17-2013   Biomedical Engineers   100   100   100   1		···					
13-2051   Financial Analysts   750   820   70   9.3   20     13-2052   Personal Financial Advisors   200   240   40   20.0   0     13-2051   Insurance Underwriters   120   130   10   8.3   0     13-2061   Financial Examiners   30   30   0   0.0   0     13-2072   Loan Officers   20   20   0   0.0   0     13-2072   Loan Officers   950   1,050   100   10.5   30     13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0.0   0     13-2082   Tax Examiners, Collectors, & Revenue Agents   90   950   1,050   31.3   10     13-2082   Tax Preparers   160   210   50   31.3   10     13-2099   Financial Specialists, All Other   160   180   20   12.5   0      15-000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170     15-1011   Computer & Information Scientists, Research   40   50   10   25.0   0     15-1021   Computer Programmers   820   820   0   0.0   20     15-1031   Computer Software Engineers, Applications   860   1,020   160   18.6   30     15-1032   Computer Software Engineers, Systems Software   500   610   110   22.0   22     15-1041   Computer Support Specialists   1,120   1,320   200   17.9   30     15-1051   Computer Systems Analysts   900   1,090   910   21.1   30     15-1061   Database Administrators   560   720   160   28.6   30     15-1091   Network & Computer Systems Administrators   560   720   160   28.6   30     15-1091   Network Systems & Data Communications Analysts   90   100   10   11.1   0     15-2011   Actuaries   30   30   0   0.0   0     17-0000   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370     17-1011   Architects, Except Landscape & Naval   140   190   50   35.7   10     17-2021   Cartographers & Photogrammetrists   50   70   20   40.0   0     17-2031   Biomedical Engineers   30   30   40   0   0   0   0     17-2041   Aerospace Engineers, Except Omputer   50   50   0   0   0     1		•					
13-2052   Personal Financial Advisors   200   240   40   20.0   0   13-2051   Insurance Underwriters   120   130   10   8.3   0   13-2061   Financial Examiners   30   30   0   0.0   0   0   13-2071   Loan Counselors   20   20   0   0   0   0   0   13-2071   Loan Counselors   950   1,050   100   10.5   30   13-2072   Loan Officers   950   1,050   100   10.5   30   13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   0   13-2082   Tax Preparers   160   210   50   31.3   10   13-2099   Financial Specialists, All Other   160   180   20   12.5   0   13-2099   Financial Specialists, All Other   160   180   20   12.5   0   15-0000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170   15-1011   Computer Rogrammers   820   820   0   0   0   25   0   15-1031   Computer Software Engineers, Applications   880   1,020   160   18.6   30   15-1031   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1031   Computer Systems Analysis   900   1,900   190   21.1   30   15-1061   Computer Systems Analysis   900   1,900   190   21.1   30   15-1061   Computer Systems Administrators   200   250   25.0   10   15-1081   Database Administrators   200   250   25.0   10   15-1081   Network & Computer Systems Administrators   200   250   25.0   10   15-1081   Network & Computer Systems Administrators   200   250   25.0   10   15-2041   Actuaries   30   30   0   0.0   0   15-2041   Actuaries   30   30   0   0.0   0   15-2041   Actuaries   30   30   0   0.0   0   0   15-2041   Actuaries   30   30   0   0.0   0   0   0   15-2041   Actuaries   30   30   0   0.0   0   0   0   17-1012   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-2041   Actuaries   8   90   10   10   11.1   0   10   10   10		·					
13-2063   Insurance Underwriters   120   130   10   8.3   0   13-2061   Financial Examiners   30   30   0   0   0   0   13-2072   Loan Counselors   20   20   0   0   0   0   0   13-2072   Loan Officers   950   1,050   100   10.5   30   13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   0   0   0							
13-2061   Financial Examiners   30   30   0   0.0   0   13-2071   Loan Counselors   20   20   20   0   0.0   0   0   13-2072   Loan Officers   950   1.050   100   10.5   30   13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   0   13-2082   Tax Preparers   160   210   50   31.3   10   13-2099   Financial Specialists, All Other   160   180   20   12.5   0   15-0000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170   15-1011   Computer Rogrammers   820   820   0   0.0   0   20   15-1031   Computer Software Engineers, Applications   860   1,020   160   18.6   30   15-1032   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1031   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1031   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1031   Computer Systems Analysts   900   1,090   190   21.1   30   15-1051   Computer Systems Analysts   900   1,090   190   21.1   30   15-1051   Computer Systems Administrators   200   250   50   25.0   10   15-1041   Network & Computer Systems Administrators   560   720   160   28.6   30   15-1081   Network & Computer Systems Administrators   560   720   160   28.6   30   15-1081   Network & Computer Systems Administrators   560   720   160   28.6   30   15-2031   Computer Specialists, All Other   210   250   40   19.0   0   15-2011   Actuaries   30   30   0   0   0   0   15-2031   Operations Research Analysts   900   100   101   11.1   0   15-2041   Statisticians   20   30   10   50.0   0   0   15-2041   Statisticians   20   30   10   50.0   0   0   17-1012   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-2051   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-2051   Chemical Engineers   3,250   3,460   210   6.5   100   17-2051   Chemical Engineers   50   70   20   40.0   0   17-2051   Chemical Engineers   50   70   20   40.0   0   17-2051   Chemical Engineers   50   50   50   50   60   60   60   6							
13-2071   Loan Counselors   20   20   0   0.0   0   13-2072   Loan Officers   950   1,050   100   10.5   30   30   30   30   0.0   0   0   32-2082   Tax Preparers   160   210   50   31.3   10   31-2081   Tax Preparers   160   210   50   31.3   10   31-2099   Financial Specialists, All Other   160   180   20   12.5   0   0   0   0   0   0   0   0   0							
13-2072   Loan Officers   950   1,050   100   10.5   30   13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   0   0   13-2089   Tax Preparers   160   210   50   31.3   10   13-2099   Financial Specialists, All Other   160   180   20   12.5   0   15-2099   Financial Specialists, All Other   160   180   20   12.5   0   15-2000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170   15-1011   Computer & Information Scientists, Research   40   50   10   25.0   0   0   0   0   0   0   0   0   0							
13-2081   Tax Examiners, Collectors, & Revenue Agents   90   90   0   0   0   0   13-2082   Tax Preparers   160   210   50   31.3   10   13-2099   Financial Specialists, All Other   160   180   20   12.5   0   15-0000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170   15-1011   Computer & Information Scientists, Research   40   50   10   25.0   0   0   15-1021   Computer Programmers   820   820   0   0.0   20   15-1031   Computer Software Engineers, Applications   860   1,020   160   18.6   30   15-1032   Computer Software Engineers, Systems Software   500   610   110   22.0   20   15-1031   Computer Support Specialists   1,120   1,320   200   17.9   30   15-1051   Computer Support Specialists   900   1,090   190   21.1   30   15-1051   Computer Systems Analysts   900   1,090   190   21.1   30   15-1051   Network & Computer Systems Administrators   200   250   50   25.0   10   15-1071   Network & Computer Systems Administrators   560   720   160   28.6   30   15-1091   Network Systems & Data Communications Analysts   260   350   90   34.6   10   15-2011   Actuaries   30   30   0   0.0   0   15-2011   Actuaries   30   30   0   0.0   0   15-2011   Actuaries   30   30   0   0.0   0   15-2011   Statisticians   200   30,000   30,000   0   0   15-2014   Statisticians   200   30,000   30,000   0   0   17-0004   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370   17-1012   Landscape Architects   30   40   10   33.3   0   0   17-1012   Actuaries   30   30   40   10   33.3   0   0   17-2014   Actuaries   30   30   40   10   33.3   0   0   17-2015   Civil Engineers   3,250   3,460   20   33.3   0   0   17-2014   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-2015   Civil Engineers   380   400   20   5.3   10   17-2016   Computer Hardware Engineers   50   50   0   0   0   0   17-2011   Computer Hardware Engineers   50   50   0   0   0   0   17-2011   Electrical Engineers   50   50   0   0   0   0   0   17-2011   Electronics Engineers   Except Computer							
13-2082   Tax Preparers   160   210   50   31.3   10     13-2099   Financial Specialists, All Other   160   180   20   12.5   0     15-000   Computer & Mathematical Occupations   5,610   6,640   1,030   18.4   170     15-1021   Computer & Information Scientists, Research   40   50   10   25.0   0     15-1021   Computer Programmers   820   820   820   0   0.0   20     15-1031   Computer Software Engineers, Applications   860   1,020   160   18.6   30     15-1032   Computer Software Engineers, Systems Software   500   610   110   22.0   20     15-1041   Computer Support Specialists   1,120   1,320   200   17.9   30     15-1051   Computer Systems Analysts   900   1,090   190   21.1   30     15-1051   Computer Systems Administrators   200   250   50   25.0   10     15-1071   Network & Computer Systems Administrators   560   720   160   28.6   30     15-1081   Network Systems & Data Communications Analysts   260   350   90   34.6   10     15-2011   Computer Specialists, All Other   210   250   40   19.0   0     15-2011   Computer Specialists, All Other   210   250   40   19.0   0     15-2011   Computer Specialists, All Other   210   250   40   19.0   0     15-2011   Statisticians   20   30   10   50.0   0     17-000   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370     17-1011   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370     17-1021   Cartographers & Photogrammetrists   50   70   20   40.0   0     17-2021   Cartographers & Photogrammetrists   50   70   20   40.0   0     17-2031   Biomedical Engineers   320   340   60   21.4   10     17-2061   Computer Hardware Engineers   380   90   10   12.5   0     17-2071   Electronics Engineers   50   70   20   40.0   0     17-2081   Computer Hardware Engineers   50   70   20   40.0   0     17-2011   Electronics Engineers   50   70   20   40.0   0     17-2111   Health & Safety Engineers   50   50   0   0.0   0     17-2112   Health & Safety Engineers   50   50   0   0.0   0     17-2113   Materials Engineers   510   540	13-2081	Tax Examiners, Collectors, & Revenue Agents		•			
13-2099   Financial Specialists, All Other   160   180   20   12.5   0							
15-1011         Computer & Information Scientists, Research         40         50         10         25.0         0           15-1021         Computer Programmers         820         820         0         0.0         20           15-1032         Computer Software Engineers, Applications         860         1,020         160         18.6         30           15-1032         Computer Support Specialists         1,120         1,320         200         17.9         30           15-1041         Computer Support Specialists         1,120         1,320         200         17.9         30           15-1061         Database Administrators         900         1,090         190         21.1         30           15-1061         Database Administrators         200         250         50         25.0         10           15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network & Systems & Data Communications Analysts         260         350         90         34.6         10           15-1081         Network & Systems & Data Communications Analysts         260         350         90         34.6         10           15-1091<		·					
15-1021	15-0000	Computer & Mathematical Occupations	5,610	6,640	1,030	18.4	170
15-1031         Computer Software Engineers, Applications         860         1,020         160         18.6         30           15-1032         Computer Software Engineers, Systems Software         500         610         110         22.0         20           15-1051         Computer Support Specialists         1,120         1,320         200         17.9         30           15-1051         Computer Systems Analysts         900         1,090         190         21.1         30           15-1061         Database Administrators         200         250         50         25.0         10           15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network & Computer Specialists, All Other         210         250         40         19.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-20211         Actuaries         30         30         10         50.0         0           15-2041         Statisticians         20         30         10         50.0         0           17-0000         Architecture & Engineering Occupations         12,08	15-1011	Computer & Information Scientists, Research	40	50	10	25.0	0
15-1032         Computer Software Engineers, Systems Software         500         610         110         22.0         20           15-1041         Computer Support Specialists         1,120         1,320         200         17.9         30           15-1051         Computer Systems Analysts         900         1,090         190         21.1         30           15-1061         Database Administrators         200         250         50         25.0         10           15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network & Computer Systems Administrators         260         350         90         34.6         10           15-1081         Network & Systems & Data Communications Analysts         260         350         90         34.6         10           15-1081         Network & Systems & Data Communications & Soft analysts         260         350         90         34.6         10           15-1081         Actaricate         30         30         0         0.0         0         0         0         0         0         0         0         0         0         0         0         0         0 <td< td=""><td>15-1021</td><td></td><td>820</td><td>820</td><td>0</td><td>0.0</td><td>20</td></td<>	15-1021		820	820	0	0.0	20
15-1041         Computer Support Specialists         1,120         1,320         200         17.9         30           15-1051         Computer Systems Analysts         900         1,090         190         21.1         30           15-1061         Database Administrators         200         250         50         25.0         10           15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network Systems & Data Communications Analysts         260         350         90         34.6         10           15-2099         Computer Specialists, All Other         210         250         40         19.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-2011         Actuaries         20         30         10         50.0         0           15-2011         Actiaries         20         30         10         50.0         0           17-2021         Cattiaries         Engineering Occupations         12,080         12,970 <td< td=""><td>15-1031</td><td></td><td>860</td><td>1,020</td><td>160</td><td>18.6</td><td>30</td></td<>	15-1031		860	1,020	160	18.6	30
15-1051         Computer Systems Analysts         900         1,090         190         21.1         30           15-1061         Database Administrators         200         250         50         25.0         10           15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network Systems & Data Communications Analysts         260         350         90         34.6         10           15-1099         Computer Specialists, All Other         210         250         40         19.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-2031         Operations Research Analysts         90         100         10         11.1         0           15-2041         Statisticians         20         30         10         50.0         0           17-0001         Architecture & Engineering Occupations         12,080         12,970         890         7.4         370           17-0011         Architecture & Engineering Occupations         12,080         12,970         890         7.4         370           17-1012         Landscape Architects         1	15-1032						
15-1061   Database Administrators   200   250   50   25.0   10     15-1071   Network & Computer Systems Administrators   560   720   160   28.6   30     15-1081   Network Systems & Data Communications Analysts   260   350   90   34.6   10     15-1090   Computer Specialists, All Other   210   250   40   19.0   0     15-2011   Actuaries   30   30   0   0.0   0     15-2031   Operations Research Analysts   90   100   10   11.1   0     15-2041   Statisticians   20   30   10   50.0   0      17-0000   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370     17-1011   Architects, Except Landscape & Naval   140   190   50   35.7   10     17-1012   Landscape Architects   30   40   10   33.3   0     17-1021   Cartographers & Photogrammetrists   50   70   20   40.0   0     17-2011   Aerospace Engineers   3,250   3,460   210   6.5   100     17-2031   Biomedical Engineers   10   10   0   0.0     17-2051   Civil Engineers   280   340   60   21.4   10     17-2061   Computer Hardware Engineers   50   70   80   10   14.3   0     17-2072   Electrical Engineers   50   70   20   40.0   0     17-2071   Electrical Engineers   50   70   20   40.0   0     17-2072   Electronics Engineers   50   50   0   0.0   0     17-2111   Health & Safety Engineers, Except Omputer   510   540   30   5.9   10     17-2121   Industrial Engineers   510   540   30   5.9   10     17-2121   Materials Engineers   510   540   30   5.9   10     17-2121   Mechanical Engineers   510   540   30   5.9   10     17-2141   Mechanical Engineers   510   540   30   5.9   50     17-2141   Mechanical Engineers   510   540   30   5.9   50     17-2141   Mechanical Engineers   510	15-1041	Computer Support Specialists			200		
15-1071         Network & Computer Systems Administrators         560         720         160         28.6         30           15-1081         Network Systems & Data Communications Analysts         260         350         90         34.6         10           15-1099         Computer Specialists, All Other         210         250         40         19.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-2031         Operations Research Analysts         90         100         10         11.1         0           15-2041         Statisticians         20         30         10         50.0         0           17-0000         Architects Rengineering Occupations         12,080         12,970         890         7.4         370           17-1011         Architects, Except Landscape & Naval         140         190         50         35.7         10           17-1012         Landscape Architects         30         40         10         33.3         0           17-1012         Landscape Architects         30         40         10         33.3         0           17-1012         Landscape Architects         30         40	15-1051	Computer Systems Analysts		1,090			
15-1081   Network Systems & Data Communications Analysts   260   350   90   34.6   10   15-1099   Computer Specialists, All Other   210   250   40   19.0   0   0   15-2011   Actuaries   30   30   0   0.0   0   0   15-2031   Operations Research Analysts   90   100   10   11.1   0   15-2041   Statisticians   20   30   10   50.0   0   0   17-0000   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370   17-1011   Architects, Except Landscape & Naval   140   190   50   35.7   10   17-1012   Landscape Architects   30   40   10   33.3   0   17-1021   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-1022   Surveyors   60   80   20   33.3   0   17-2011   Aerospace Engineers   3,250   3,460   210   6.5   100   17-2041   Chemical Engineers   10   10   0   0.0   0   17-2041   Chemical Engineers   80   90   10   12.5   0   17-2051   Civil Engineers   280   340   60   21.4   10   17-2061   Computer Hardware Engineers   80   400   20   5.3   10   17-2071   Electrical Engineers   70   80   10   14.3   0   17-2071   Electrical Engineers   50   70   20   40.0   0   17-2081   Environmental Engineers   50   70   20   40.0   0   17-2081   Environmental Engineers   50   70   20   40.0   0   17-2081   Environmental Engineers   50   50   0   0.0   0   17-2111   Health & Safety Engineers, Except Mining Safety Engineers & Inspectors   50   50   0   0.0   0   17-2111   Industrial Engineers   50   50   0   0.0   0   17-2111   Mechanical Engineers   50   50   50   0   0.0   0   17-2141   Mechanical Engineers   50   50   50   0   0.0   0   17-2141   Mechanical Engineers   50   50   50   50   50   10   17-2141   Mechanical Engineers   1,590   1,690   100   6.3   50   17-2141   Mechanical Engineers   1,390   1,420   30   2.2   40   40   40   40   40   40   40   4	15-1061						
15-1099         Computer Specialists, All Other         210         250         40         19.0         0           15-2011         Actuaries         30         30         0         0.0         0           15-2031         Operations Research Analysts         90         100         10         11.1         0           15-2041         Statisticians         20         30         10         50.0         0           17-0000         Architecture & Engineering Occupations         12,080         12,970         890         7.4         370           17-1011         Architects, Except Landscape & Naval         140         190         50         35.7         10           17-1012         Landscape Architects         30         40         10         33.3         0           17-1021         Cartographers & Photogrammetrists         50         70         20         40.0         0           17-1022         Surveyors         60         80         20         33.3         0           17-2011         Aerospace Engineers         3,250         3,460         210         6.5         100           17-2031         Biomedical Engineers         80         90         10         12.5							
15-2011   Actuaries   30   30   0   0.0   0   15-2031   Operations Research Analysts   90   100   10   11.1   0   15-2041   Statisticians   20   30   10   50.0   0   0   17-0000   Architecture & Engineering Occupations   12,080   12,970   890   7.4   370   17-1011   Architects, Except Landscape & Naval   140   190   50   35.7   10   17-1012   Landscape Architects   30   40   10   33.3   0   17-1021   Cartographers & Photogrammetrists   50   70   20   40.0   0   17-1022   Surveyors   60   80   20   33.3   0   17-2011   Aerospace Engineers   3,250   3,460   210   6.5   100   17-2031   Biomedical Engineers   10   10   0   0.0   0   17-2041   Chemical Engineers   80   90   10   12.5   0   17-2051   Civil Engineers   280   340   60   21.4   10   17-2051   Civil Engineers   380   400   20   5.3   10   17-2071   Electrical Engineers   380   400   20   5.3   10   17-2072   Electronics Engineers, Except Computer   510   540   30   5.9   10   17-2081   Environmental Engineers   50   70   20   40.0   0   17-2111   Health & Safety Engineers, Except Mining Safety Engineers & Inspectors   50   50   0   0.0   0   17-2112   Industrial Engineers   510   540   30   5.9   10   17-2131   Materials Engineers   510   540   30   5.9   10   17-2141   Mechanical Engineers   510   540   30   5.9   10   17-2141   10   10   10   10   10   10   10							
15-2031   Operations Research Analysts   90   100   10   11.1   15-2041   Statisticians   20   30   10   50.0   0		·			40		
15-2041         Statisticians         20         30         10         50.0           17-0000         Architecture & Engineering Occupations         12,080         12,970         890         7.4         370           17-1011         Architects, Except Landscape & Naval         140         190         50         35.7         10           17-1012         Landscape Architects         30         40         10         33.3         0           17-1021         Cartographers & Photogrammetrists         50         70         20         40.0         0           17-1022         Surveyors         60         80         20         33.3         0           17-2011         Aerospace Engineers         3,250         3,460         210         6.5         100           17-2031         Biomedical Engineers         10         10         0         0.0         0           17-2041         Chemical Engineers         80         90         10         12.5         0           17-2051         Civil Engineers         280         340         60         21.4         10           17-2071         Electrical Engineers         70         80         10         14.3         0 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></tr<>							0
17-0000         Architecture & Engineering Occupations         12,080         12,970         890         7.4         370           17-1011         Architects, Except Landscape & Naval         140         190         50         35.7         10           17-1012         Landscape Architects         30         40         10         33.3         0           17-1021         Cartographers & Photogrammetrists         50         70         20         40.0         0           17-1022         Surveyors         60         80         20         33.3         0           17-2011         Aerospace Engineers         3,250         3,460         210         6.5         100           17-2031         Biomedical Engineers         10         10         0         0.0         0           17-2041         Chemical Engineers         80         90         10         12.5         0           17-2051         Civil Engineers         280         340         60         21.4         10           17-2071         Electrical Engineers         70         80         10         14.3         0           17-2072         Electronics Engineers, Except Computer         510         540         30		·					0
17-1011       Architects, Except Landscape & Naval       140       190       50       35.7       10         17-1012       Landscape Architects       30       40       10       33.3       0         17-1021       Cartographers & Photogrammetrists       50       70       20       40.0       0         17-1022       Surveyors       60       80       20       33.3       0         17-2011       Aerospace Engineers       3,250       3,460       210       6.5       100         17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2071       Electrical Engineers       70       80       10       14.3       0         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2111       Health & Safety Engineers, Except Mining Safety       Engineers & Inspectors       50       50       0       0.0       0         17-2112       Industrial Engineers	15-2041	Statisticians	20	30	10	50.0	0
17-1012       Landscape Architects       30       40       10       33.3       0         17-1021       Cartographers & Photogrammetrists       50       70       20       40.0       0         17-1022       Surveyors       60       80       20       33.3       0         17-2011       Aerospace Engineers       3,250       3,460       210       6.5       100         17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2111       Health & Safety Engineers, Except Mining Safety       Engineers       50       50       0       0.0       0         17-2112       Industrial Engineers       50       <			•				
17-1021       Cartographers & Photogrammetrists       50       70       20       40.0       0         17-1022       Surveyors       60       80       20       33.3       0         17-2011       Aerospace Engineers       3,250       3,460       210       6.5       100         17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2111       Health & Safety Engineers, Except Mining Safety       50       70       20       40.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540							
17-1022       Surveyors       60       80       20       33.3       0         17-2011       Aerospace Engineers       3,250       3,460       210       6.5       100         17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30 <td></td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td>		·					
17-2011       Aerospace Engineers       3,250       3,460       210       6.5       100         17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420							
17-2031       Biomedical Engineers       10       10       0       0.0       0         17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       510       540       30       5.9       10							
17-2041       Chemical Engineers       80       90       10       12.5       0         17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40				•			
17-2051       Civil Engineers       280       340       60       21.4       10         17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40		<u> </u>					_
17-2061       Computer Hardware Engineers       70       80       10       14.3       0         17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40		<u> </u>					
17-2071       Electrical Engineers       380       400       20       5.3       10         17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40							
17-2072       Electronics Engineers, Except Computer       510       540       30       5.9       10         17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40		·					
17-2081       Environmental Engineers       50       70       20       40.0       0         17-2111       Health & Safety Engineers, Except Mining Safety       50       50       0       0.0       0         Engineers & Inspectors       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40		•					
17-2111 Health & Safety Engineers, Except Mining Safety         Engineers & Inspectors       50       50       0       0.0       0         17-2112 Industrial Engineers       1,590       1,690       100       6.3       50         17-2131 Materials Engineers       510       540       30       5.9       10         17-2141 Mechanical Engineers       1,390       1,420       30       2.2       40							
Engineers & Inspectors       50       50       0       0.0       0         17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40		<del>_</del>	50	70	20	40.0	0
17-2112       Industrial Engineers       1,590       1,690       100       6.3       50         17-2131       Materials Engineers       510       540       30       5.9       10         17-2141       Mechanical Engineers       1,390       1,420       30       2.2       40	17-2111	, , , , , , , , , , , , , , , , , , , ,	50	50	0	0.0	0
17-2131 Materials Engineers       510       540       30       5.9       10         17-2141 Mechanical Engineers       1,390       1,420       30       2.2       40	17 2112	· · · · · · · · · · · · · · · · ·					
17-2141 Mechanical Engineers 1,390 1,420 30 2.2 40							
· · · · · · · · · · · · · · · · · · ·							
17 2 17 1 1 00 00 00 11 Engineere 20 20 0 0.0    0							
17-2199 Engineers, All Other 800 840 40 5.0 20							
17-2199 Engineers, All Other 3.0 20 17-3011 rchitectural & Civil Drafters 160 190 30 18.8 0							
17-3012 Electrical & Electronics Drafters 230 220 -10 -4.3 10							

		Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
17-3013	Mechanical Drafters	410	410	0	0.0	10
17-3013	Aerospace Engineering & Operations Technicians	820	860	40	4.9	20
17-3022	Civil Engineering Technicians	250	280	30	12.0	10
17-3023	Electrical & Electronic Engineering Technicians	340	370	30	8.8	10
17-3024	Electro-Mechanical Technicians	10	20	10	100.0	0
17-3025	Environmental Engineering Technicians	20	30	10	50.0	o l
17-3026	Industrial Engineering Technicians	240	260	20	8.3	10
17-3027	Mechanical Engineering Technicians	100	110	10	10.0	0
17-3031	Surveying & Mapping Technicians	90	120	30	33.3	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	140	160	20	14.3	0
19-0000	Life, Physical, & Social Science Occupations	1,740	2,000	260	14.9	50
19-1010	Agricultural & Food Scientists	50	50	0	0.0	0
19-1021	Biochemists & Biophysicists	20	20	0	0.0	0
19-1022	Microbiologists	10	10	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	30	20	-10	-33.3	0
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25.0	0
19-1099	Life Scientists, All Other	30	30	0	0.0	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	10	10	0	0.0	0
19-2031	Chemists	110	130	20	18.2	0
19-2032	Materials Scientists	10	10	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	170	200	30	17.6	0
19-2042	Geoscientists, Except Hydrologists & Geographers	30	40	10	33.3	0
19-2043	Hydrologists	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	30	30	0	0.0	0
19-3021	Market Research Analysts	310	360	50	16.1	20
19-3022	Survey Researchers	40	50	10	25.0	0
19-3031	Clinical, Counseling, & School Psychologists	320	370	50	15.6	20
19-3051	Urban & Regional Planners Social Scientists & Related Workers, All Other	20 70	20 70	0	0.0 0.0	0
19-3099	•	30	40	0	33.3	0
19-4011 19-4021	Agricultural & Food Science Technicians Biological Technicians	30	40	10 10	33.3	0
19-4021	Chemical Technicians	120	140	20	33.3 16.7	0
19-4041	Geological & Petroleum Technicians	20	20	0	0.0	0 0
19-4041	Environmental Science & Protection Technicians, Including	20	20	U	0.0	
	Health	60	80	20	33.3	0
19-4092	Forensic Science Technicians	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	30	30	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	100	110	10	10.0	0
21-0000	Community & Social Services Occupations	5,670	6,750	1,080	19.0	210
21-1011	Substance Abuse & Behavioral Disorder Counselors	90	100	10	11.1	0
21-1012	Educational, Vocational, & School Counselors	420	480	60	14.3	10
21-1013	Marriage & Family Therapists	100	100	0	0.0	0
21-1014	Mental Health Counselors	120	130	10	8.3	0
21-1015	Rehabilitation Counselors	310	370	60	19.4	20
21-1021	Child, Family, & School Social Workers	470	550	80	17.0	20
21-1022	Medical & Public Health Social Workers	240	300	60	25.0	10
21-1023	Mental Health & Substance Abuse Social Workers	270	320	50	18.5	20
21-1091	Health Educators	50 140	60 150	10	20.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	140	150	10	7.1	0

Solid   Cocupational Title   2002   2012   Number   Percent   Openings			Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
21-1093	SOC Code	Occupational Title	•				Annual Openings <sup>2</sup>
21-2011   Clergy   1,620   1,820   200   12.3   50		·	1 010	1 340			
21-2021   Directors, Religious Activities & Education   380   460   80   21.1   10   21-9099   Counselors, Social, & Religious Workers, All Other   450   570   120   26.7   20   20   23-9000   Legal Occupations   1,640   1,980   340   20.7   40   23-1021   Lawyers   800   990   190   23.8   30   30   30   30   30   30   30   3							
23-000   Legal Occupations   1,640   1,980   340   20.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   40   23.7   23.		<del></del>					
23-1011   Lawyers		<del>-</del>					
23-1021   Administrative Law Judges, Adjudicators, & Hearing Officers   10	23-0000	Legal Occupations	1,640	1,980	340	20.7	40
Officers 23-1022 Arbitrators, Mediators, & Conciliators 10 10 0 0.0 0.0 23-1023 Judges, Magistrate Judges, & Magistrates 60 60 0 0 0.0 23-2011 Paralegais & Legal Assistants 410 550 140 34.1 10 23-20291 Court Reporters 30 40 140 0 0.0 23-2029 Law Clerks 40 40 0 0.0 23-2039 Title Examiners, Abstractors, & Searchers 90 100 101 11.1 0 23-2093 Title Examiners, Abstractors, & Searchers 90 100 10 11.1 0 23-2099 Legal & Related Workers, All Other 190 180 -10 5.3 0 25-0000 Education, Training, & Library Occupations 17,190 21,230 4,040 23.5 740 25-1011 Business Teachers, Postsecondary 130 170 40 30.8 0 25-1021 Computer Science Teachers, Postsecondary 90 120 30 33.3 0 25-1022 Mathematical Science Teachers, Postsecondary 90 120 30 33.3 0 25-1032 Engineering Teachers, Postsecondary 100 130 30 40.9 25-1032 Engineering Teachers, Postsecondary 100 130 30 30.0 0 25-1042 Biological Science Teachers, Postsecondary 100 130 30 30.0 0 25-1042 Biological Science Teachers, Postsecondary 100 100 0.0 0 25-1045 Chemistry Teachers, Postsecondary 90 120 30 33.3 0 0 25-1052 Chemistry Teachers, Postsecondary 90 120 30 33.3 0 0 25-1054 Afrocyneric, Earth, Marine, & Space Sciences Teachers, Postsecondary 10 0 0.0 0 25-1052 Chemistry Teachers, Postsecondary 10 0 0.0 0 25-1064 Physics Teachers, Postsecondary 10 0 0.0 0 0 25-1065 Political Science Teachers, Postsecondary 10 0 0.0 0 0 25-1066 Postpachers, Postsecondary 10 0 0.0 0 0 0 0-10-10-10-10-10-10-10-10-10-10-10-10-10	23-1011	Lawyers	800	990	190	23.8	30
23-1022         Arbitrators, Mediators, & Conciliators         10         10         0         0.0         0           23-2012         Judges, Magistrate Judges, & Magistrates         60         60         0         0.0         0           23-2011         Paralegals & Legal Assistants         410         550         140         34.1         1           23-2091         Cuar Reporters         30         40         10         33.3         0           23-2093         Tüle Examiners, Abstractors, & Searchers         90         100         10         11.1         0           23-2093         Tüle Examiners, Abstractors, & Searchers         90         100         10         11.1         0           23-2093         Tüle Examiners, Abstractors, & Il Other         190         180         -10         5-5.3         0           25-0000         Education, Training, & Library Occupations         17,190         21.230         4,040         23.5         740           25-1011         Business Teachers, Postsecondary         100         30         30         0         0         25-1022         Mathematical Science Teachers, Postsecondary         90         120         30         33.3         0         0         0         0 <td< td=""><td>23-1021</td><td>· · · · · · · · · · · · · · · · · · ·</td><td>40</td><td>40</td><td>0</td><td>0.0</td><td></td></td<>	23-1021	· · · · · · · · · · · · · · · · · · ·	40	40	0	0.0	
23-1023         Judges, Magistrate Judges, & Magistrates         60         60         0         0.0         0           23-2011         Paralegals & Legal Assistants         410         550         140         34.1         10           23-2091         Court Reporters         30         40         10         33.3         0           23-2093         Law Clerks         40         40         0         0.0         0           23-2093         Title Examiners, Abstractors, & Searchers         90         100         11.1         0           23-9099         Legal & Related Workers, All Other         190         180         -10         -5.3         0           25-0000         Education, Training, & Library Occupations         17,190         21,230         4,040         23.5         740           25-1011         Business Teachers, Postsecondary         70         100         30         42.9         0           25-1021         Mathematical Science Teachers, Postsecondary         90         120         30         33.3         0           25-1021         Mathematical Science Teachers, Postsecondary         100         130         30.0         0           25-1031         Archiecture Teachers, Postsecondary         100	00.4000				_		
23-2011   Paralegals & Legal Assistants							
23-2091         Court Reporters         30         40         10         33.3         0           23-2092         Law Clerks         40         40         0         0.0         0           23-2093         Title Examiners, Abstractors, & Searchers         90         100         10.1         11.1         0           23-2093         Title Examiners, Abstractors, & Searchers         90         100         10         11.1         0           25-0000         Education, Training, & Library Occupations         17,190         21,230         4,040         23.5         740           25-1021         Computer Science Teachers, Postsecondary         130         170         40         30.8         0           25-1021         Computer Science Teachers, Postsecondary         90         120         30         33.3         0           25-1021         Architecture Teachers, Postsecondary         100         130         30         33.3         0           25-1022         Engineering Teachers, Postsecondary         100         130         30         30.0         0           25-1042         Biological Science Teachers, Postsecondary         90         120         30         33.3         0           25-1052         Che					_		
23-2092   Law Clerks   40   40   0   0.0   0   23-20							
23-2093         Title Examiners, Abstractors, & Searchers         90         100         10         11.1         0           23-9099         Legal & Related Workers, All Other         190         180         -10         -5.3         0           25-000         Education, Training, & Library Occupations         17,190         21,230         4,040         23.5         740           25-1021         Business Teachers, Postsecondary         130         170         40         30.8         0           25-1021         Computer Science Teachers, Postsecondary         70         100         30         42.9         0           25-1021         Mathematical Science Teachers, Postsecondary         90         120         30         33.3         0           25-1032         Engineering Teachers, Postsecondary         100         130         30         30.0         0           25-1042         Biological Science Teachers, Postsecondary         90         120         30         33.3         0           25-1052         Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary         10         10         0         0         0           25-1052         Chemistry Teachers, Postsecondary         20         30         10         50.0         0		·					
23-9099   Legal & Related Workers, All Other   190   180   -10   -5.3     0					_		
Education, Training, & Library Occupations   17,190   21,230   4,040   23.5   740		·					
25-1011   Business Teachers, Postsecondary   130   170   40   30.8   0   25-1021   Computer Science Teachers, Postsecondary   70   100   30   42.9   0   0   25-1021   Mathematical Science Teachers, Postsecondary   90   120   30   33.3   0   0   25-1031   Architecture Teachers, Postsecondary   20   30   10   50.0   0   0   25-1032   Engineering Teachers, Postsecondary   100   130   30   30.0   0   0   25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   0   25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   0   25-1051   Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   30   40   10   33.3   0   0   25-1052   Chemistry Teachers, Postsecondary   20   30   10   50.0   0   0   25-1052   Chemistry Teachers, Postsecondary   20   30   10   50.0   0   0   25-1062   rea, Ethnic, & Cultural Studies Teachers, Postsecondary   10   10   0   0   0   0   0   0   25-1062   rea, Ethnic, & Cultural Studies Teachers, Postsecondary   10   10   0   0   0   0   0   0   25-1065   Political Science Teachers, Postsecondary   30   40   10   33.3   0   0   0   0   0   0   0   0   0	25-0000	•	17 190	21 230	4 040		740
25-1021   Computer Science Teachers, Postsecondary   70   100   30   42.9   0   25-1022   Mathematical Science Teachers, Postsecondary   90   120   30   33.3   0   25-1032   Architecture Teachers, Postsecondary   100   130   30   30.0   0   25-1032   Engineering Teachers, Postsecondary   100   130   30   30.0   0   25-1041   Agricultural Sciences Teachers, Postsecondary   60   80   20   33.3   0   25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   25-1051   Manuspheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   10   10   0   0.0   0   0   0   0   0   0   0							
25-1022   Mathematical Science Teachers, Postsecondary   20   30   33.3   30   35-1031   Architecture Teachers, Postsecondary   20   30   10   50.0   0   0   0   0   0   0   0   0   0		· · · · · · · · · · · · · · · · · · ·					
25-1031   Architecture Teachers, Postsecondary   20   30   10   50.0   0   25-1032   Engineering Teachers, Postsecondary   100   130   30   30.0   0   0   25-1041   Agricultural Sciences Teachers, Postsecondary   60   80   20   33.3   0   0   25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   0   25-1051   Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   10   10   0   0.0   0   0   0   0   0   0   0		· · · · · · · · · · · · · · · · · · ·					
25-1032   Engineering Teachers, Postsecondary   100   130   30   30.0   0   0   0   0   0   0   14   150   150   150   10   150   10   10							
25-1041   Agricultural Sciences Teachers, Postsecondary   90   120   30   33.3   0   25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   25-1051   Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   10   10   0   0.0   0   0   0   0   0   0   0		•					
25-1042   Biological Science Teachers, Postsecondary   90   120   30   33.3   0   25-1051   Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   10   10   0   0.0   0   0   0   0   0   0   0		• •					
25-1051 Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary   10   10   0   0.0   0   0   0   0   0   0   0							
Postsecondary				0		00.0	
25-1052         Chemistry Teachers, Postsecondary         30         40         10         33.3         0           25-1054         Physics Teachers, Postsecondary         20         30         10         50.0         0           25-1061         Anthropology & Archeology Teachers, Postsecondary         10         10         0         0.0         0           25-1062         rea, Ethnic, & Cultural Studies Teachers, Postsecondary         10         10         0         0.0         0           25-1063         Economics Teachers, Postsecondary         30         40         10         33.3         0           25-1064         Geography Teachers, Postsecondary         10         10         0         0.0         0           25-1065         Political Science Teachers, Postsecondary         20         30         10         50.0         0           25-1066         Psychology Teachers, Postsecondary         60         80         20         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1072         Nursing Instructors & Teachers, Postsecondary         50         60         10         20.0         0           25-1081			10	10	0	0.0	О
25-1054         Physics Teachers, Postsecondary         20         30         10         50.0         0           25-1061         Anthropology & Archeology Teachers, Postsecondary         10         10         0         0.0         0           25-1062         rea, Ethnic, & Cultural Studies Teachers, Postsecondary         10         10         0         0.0         0           25-1063         Economics Teachers, Postsecondary         30         40         10         33.3         0           25-1064         Geography Teachers, Postsecondary         20         30         10         50.0         0           25-1065         Political Science Teachers, Postsecondary         60         80         20         33.3         0           25-1066         Psychology Teachers, Postsecondary         30         40         10         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1072         Nursing Instructors & Teachers, Postsecondary         50         60         10         20.0         0           25-1081         Education Teachers, Postsecondary         10         20         10         100.0         0           25-11121<	25-1052	· ·					
25-1062         rea, Ethnic, & Cultural Studies Teachers, Postsecondary         10         10         0         0.0           25-1063         Economics Teachers, Postsecondary         30         40         10         33.3         0           25-1064         Geography Teachers, Postsecondary         10         10         0         0.0         0           25-1065         Political Science Teachers, Postsecondary         20         30         10         50.0         0           25-1066         Psychology Teachers, Postsecondary         60         80         20         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1071         Health Specialties Teachers, Postsecondary         80         110         30         37.5         0           25-1072         Nursing Instructors & Teachers, Postsecondary         90         120         30         33.3         0           25-1081         Education Teachers, Postsecondary         90         120         30         33.3         0           25-1111         Criminal Justice & Law Enforcement Teachers,         10         20         10         10.0         0           25-1112			20	30			
25-1062         rea, Ethnic, & Cultural Studies Teachers, Postsecondary         10         10         0         0.0           25-1063         Economics Teachers, Postsecondary         30         40         10         33.3         0           25-1064         Geography Teachers, Postsecondary         10         10         0         0.0         0           25-1065         Political Science Teachers, Postsecondary         20         30         10         50.0         0           25-1066         Psychology Teachers, Postsecondary         60         80         20         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1071         Health Specialties Teachers, Postsecondary         80         110         30         37.5         0           25-1072         Nursing Instructors & Teachers, Postsecondary         90         120         30         33.3         0           25-1081         Education Teachers, Postsecondary         90         120         30         33.3         0           25-1111         Criminal Justice & Law Enforcement Teachers, Postsecondary         10         20         0         0.0         0           25-1	25-1061	Anthropology & Archeology Teachers, Postsecondary	10	10	0	0.0	0
25-1064         Geography Teachers, Postsecondary         10         10         0         0.0           25-1065         Political Science Teachers, Postsecondary         20         30         10         50.0           25-1066         Psychology Teachers, Postsecondary         60         80         20         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1071         Health Specialties Teachers, Postsecondary         80         110         30         37.5         0           25-1072         Nursing Instructors & Teachers, Postsecondary         50         60         10         20.0         0           25-1081         Education Teachers, Postsecondary         90         120         30         33.3         0           25-1082         Library Science Teachers, Postsecondary         10         20         10         100.0         0           25-1111         Criminal Justice & Law Enforcement Teachers, Postsecondary         20         20         0         0.0         0           25-1112         Law Teachers, Postsecondary         10         20         10         100.0         0           25-1121         Art, Drama, & Music T	25-1062		10	10	0	0.0	0
25-1065         Political Science Teachers, Postsecondary         20         30         10         50.0         0           25-1066         Psychology Teachers, Postsecondary         60         80         20         33.3         0           25-1067         Sociology Teachers, Postsecondary         30         40         10         33.3         0           25-1071         Health Specialties Teachers, Postsecondary         80         110         30         37.5         0           25-1072         Nursing Instructors & Teachers, Postsecondary         50         60         10         20.0         0           25-1081         Education Teachers, Postsecondary         90         120         30         33.3         0           25-1082         Library Science Teachers, Postsecondary         10         20         10         100.0         0           25-1112         Criminal Justice & Law Enforcement Teachers, Postsecondary         20         20         0         0.0         0           25-1112         Law Teachers, Postsecondary         10         20         10         100.0         0           25-1112         Law Teachers, Postsecondary         30         30         0         0.0         0           25-1121	25-1063	Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1066       Psychology Teachers, Postsecondary       60       80       20       33.3       0         25-1067       Sociology Teachers, Postsecondary       30       40       10       33.3       0         25-1071       Health Specialties Teachers, Postsecondary       80       110       30       37.5       0         25-1072       Nursing Instructors & Teachers, Postsecondary       50       60       10       20.0       0         25-1081       Education Teachers, Postsecondary       90       120       30       33.3       0         25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1112       Law Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1123       English Language & Literature Teachers, Postsecondary       50       70       20	25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1067       Sociology Teachers, Postsecondary       30       40       10       33.3       0         25-1071       Health Specialties Teachers, Postsecondary       80       110       30       37.5       0         25-1072       Nursing Instructors & Teachers, Postsecondary       50       60       10       20.0       0         25-1081       Education Teachers, Postsecondary       90       120       30       33.3       0         25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1112       Law Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       70       90       20	25-1065	Political Science Teachers, Postsecondary	20	30	10	50.0	0
25-1071       Health Specialties Teachers, Postsecondary       80       110       30       37.5       0         25-1072       Nursing Instructors & Teachers, Postsecondary       50       60       10       20.0       0         25-1081       Education Teachers, Postsecondary       90       120       30       33.3       0         25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       10       140       30       27.3       0         25-1125       History Teachers, Postsecondary       50       60 <t< td=""><td>25-1066</td><td>Psychology Teachers, Postsecondary</td><td>60</td><td>80</td><td>20</td><td>33.3</td><td>0</td></t<>	25-1066	Psychology Teachers, Postsecondary	60	80	20	33.3	0
25-1072       Nursing Instructors & Teachers, Postsecondary       50       60       10       20.0       0         25-1081       Education Teachers, Postsecondary       90       120       30       33.3       0         25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       50       60       10       20.0       0         25-1125       History Teachers, Postsecondary       50       60	25-1067	Sociology Teachers, Postsecondary	30	40	10	33.3	0
25-1081       Education Teachers, Postsecondary       90       120       30       33.3       0         25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40	25-1071	Health Specialties Teachers, Postsecondary	80	110	30	37.5	0
25-1082       Library Science Teachers, Postsecondary       10       20       10       100.0       0         25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       <	25-1072	Nursing Instructors & Teachers, Postsecondary	50	60	10	20.0	0
25-1111       Criminal Justice & Law Enforcement Teachers, Postsecondary       20       20       0       0.0       0         25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20 <td< td=""><td>25-1081</td><td>Education Teachers, Postsecondary</td><td>90</td><td>120</td><td>30</td><td>33.3</td><td>0</td></td<>	25-1081	Education Teachers, Postsecondary	90	120	30	33.3	0
Postsecondary         20         20         0         0.0         0           25-1112         Law Teachers, Postsecondary         10         20         10         100.0         0           25-1113         Social Work Teachers, Postsecondary         30         30         0         0.0         0           25-1121         Art, Drama, & Music Teachers, Postsecondary         160         220         60         37.5         10           25-1122         Communications Teachers, Postsecondary         50         70         20         40.0         0           25-1123         English Language & Literature Teachers, Postsecondary         110         140         30         27.3         0           25-1124         Foreign Language & Literature Teachers, Postsecondary         70         90         20         28.6         0           25-1125         History Teachers, Postsecondary         50         60         10         20.0         0           25-1126         Philosophy & Religion Teachers, Postsecondary         30         40         10         33.3         0           25-1191         Graduate Teaching Assistants         40         50         10         25.0         0           25-1192         Home Economics Teachers,	25-1082		10	20	10	100.0	0
25-1112       Law Teachers, Postsecondary       10       20       10       100.0       0         25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0	25-1111		20	20	0	0.0	
25-1113       Social Work Teachers, Postsecondary       30       30       0       0.0       0         25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0	05 4440	· ·					
25-1121       Art, Drama, & Music Teachers, Postsecondary       160       220       60       37.5       10         25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0		·					
25-1122       Communications Teachers, Postsecondary       50       70       20       40.0       0         25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0		•					
25-1123       English Language & Literature Teachers, Postsecondary       110       140       30       27.3       0         25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0		•					
25-1124       Foreign Language & Literature Teachers, Postsecondary       70       90       20       28.6       0         25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0		· · · · · · · · · · · · · · · · · · ·					
25-1125       History Teachers, Postsecondary       50       60       10       20.0       0         25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0							
25-1126       Philosophy & Religion Teachers, Postsecondary       30       40       10       33.3       0         25-1191       Graduate Teaching Assistants       40       50       10       25.0       0         25-1192       Home Economics Teachers, Postsecondary       20       20       0       0.0       0							
25-1191 Graduate Teaching Assistants       40       50       10       25.0       0         25-1192 Home Economics Teachers, Postsecondary       20       20       0       0.0       0							
25-1192 Home Economics Teachers, Postsecondary 20 20 0 0.0 0							
		<u> </u>					
25-1193 Recreation & Fitness Studies Teachers. Postsecondary 30 40 10 33.3 II 0 II	25-1192	Recreation & Fitness Studies Teachers, Postsecondary	30	40	10	33.3	0

	·	Average	Annual			Total
SOC	_	Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
25-1194	Vocational Education Teachers, Postsecondary	180	240	60	33.3	10
25-1194	Postsecondary Teachers, All Other	230	300	70	30.4	20
25-2011	Preschool Teachers, Except Special Education	420	510	90	21.4	20
25-2012	Kindergarten Teachers, Except Special Education	380	490	110	28.9	20
25-2021	Elementary School Teachers, Except Special Education	4,050	4,790	740	18.3	160
25-2022	Middle School Teachers, Except Special & Vocational	1,000	1,700	7 10	10.0	100
20 2022	Education	1,900	2,120	220	11.6	60
25-2023	Vocational Education Teachers, Middle School	40	50	10	25.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	2,800	3,390	590	21.1	140
25-2032	Vocational Education Teachers, Secondary School	420	470	50	11.9	20
25-2041	Special Education Teachers, Preschool, Kindergarten, &					
	Elementary School	560	750	190	33.9	30
25-2042	Special Education Teachers, Middle School	270	360	90	33.3	20
25-2043	Special Education Teachers, Secondary School	390	520	130	33.3	20
25-3011	Adult Literacy, Remedial Education, & GED Teachers &					
	Instructors	90	110	20	22.2	0
25-3021	Self-Enrichment Education Teachers	290	370	80	27.6	10
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,440	2,090	650	45.1	90
25-4010	Archivists, Curators, & Museum Technicians	60	80	20	33.3	0
25-4021	Librarians	370	410	40	10.8	10
25-4031	Library Technicians	250	300	50	20.0	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	50	50	0	0.0	0
25-9031	Instructional Coordinators	200	250	50	25.0	10
25-9041	Teacher Assistants	1,120	1,370	250	22.3	50
25-9199	Library, Museum, Training, & Other Education Workers, All					
	Other	30	30	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media					
	Occupations	4,420	5,060	640	14.5	140
27-1011	Art Directors	50	50	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	20	20	0	0.0	0
27-1014	Multi-Media Artists & Animators	70	70	0	0.0	0
27-1021	Commercial & Industrial Designers	100	110	10	10.0	0
27-1023	Floral Designers	330	380	50	15.2	20
27-1024	Graphic Designers	340	400	60	17.6	20
27-1025	Interior Designers	80	100	20	25.0	0
27-1026	Merchandise Displayers & Window Trimmers	120	140	20	16.7	0
27-1027	Set & Exhibit Designers	10	10	0	0.0	0
27-1099	Art & Design Workers, All Other	130	140	10	7.7	0
27-2011	Actors	40	40	0	0.0	0
27-2012	Producers & Directors	80	90	10	12.5	0
27-2021	Athletes & Sports Competitors	10	20	10	100.0	0
27-2022	Coaches & Scouts	540	660	120	22.2	20
27-2023	Umpires, Referees, & Other Sports Officials	70	80	10	14.3	0
27-2031	Dancers	20	20	0	0.0	0
27-2032	Choreographers	70	80	10	14.3	10
27-2041	Music Directors & Composers	140	150	10	7.1	0
27-2042	Musicians & Singers	380	450	70	18.4	20
27-2099	Entertainers & Performers, Sports & Related Workers, All			_		
	Other	10	10	0	0.0	0

	·	Average Annual				Total
SOC		Employr	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
27-3010	Announcers	200	180	-20	-10.0	10
27-3020	News Analysts, Reporters & Correspondents	110	120	10	9.1	0
27-3031	Public Relations Specialists	400	510	110	27.5	20
27-3041	Editors	150	170	20	13.3	0
27-3042	Technical Writers	180	200	20	11.1	10
27-3043	Writers & Authors	180	190	10	5.6	0
27-3091	Interpreters & Translators	50	60	10	20.0	0
27-3099	Media & Communication Workers, All Other	150	160	10	6.7	Ö
27-4011	Audio & Video Equipment Technicians	30	40	10	33.3	Ö
27-4012	Broadcast Technicians	70	80	10	14.3	Ö
27-4013	Radio Operators	20	20	0	0.0	Ö
27-4014	Sound Engineering Technicians	10	20	10	100.0	0
27-4021	Photographers	180	190	10	5.6	0
27-4031	Camera Operators, Television, Video, & Motion Picture	30	30	0	0.0	0
27-4032	Film & Video Editors	20	20	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	30	40	10	33.3	0
29-0000	Healthcare Practitioners & Technical Occupations	16,980	20,880	3,900	23.0	690
29-1011	Chiropractors	130	140	10	7.7	0
29-1020	Dentists	290	290	0	0.0	10
29-1031	Dietitians & Nutritionists	110	130	20	18.2	0
29-1041	Optometrists	70	80	10	14.3	o 0
29-1051	Pharmacists	440	600	160	36.4	30
29-1061	Anesthesiologists	200	220	20	10.0	0
29-1062	Family & General Practitioners	480	520	40	8.3	10
29-1063	Internists, General	190	200	10	5.3	0
29-1064	Obstetricians & Gynecologists	120	130	10	8.3	0
29-1065	Pediatricians, General	150	170	20	13.3	0
29-1066	Psychiatrists	190	200	10	5.3	0
29-1067	Surgeons	430	470	40	9.3	10
29-1069	Physicians & Surgeons, All Other	190	210	20	10.5	0
29-1071	Physician Assistants	130	190	60	46.2	10
29-1081	Podiatrists	20	20	0	0.0	0
29-1111	Registered Nurses	6,330	8,090	1,760	27.8	310
29-1121	Audiologists	10	10	0	0.0	0
29-1122	Occupational Therapists	210	270	60	28.6	10
29-1123	Physical Therapists	280	350	70	25.0	10
29-1124	Radiation Therapists	20	30	10	50.0	0
29-1125	Recreational Therapists	50	50	0	0.0	0
29-1126	Respiratory Therapists	320	440	120	37.5	20
29-1127	Speech-Language Pathologists	250	310	60	24.0	20
29-1131	Veterinarians	230	240	10	4.3	10
29-1199	Health Diagnosing & Treating Practitioners, All Other	140	180	40	28.6	0
29-2011	Medical & Clinical Laboratory Technologist	390	480	90	23.1	20
29-2012	Medical & Clinical Laboratory Technicians	380	450	70	18.4	20
29-2021	Dental Hygienists	360	480	120	33.3	10
29-2031	Cardiovascular Technologists & Technicians	130	180	50	38.5	10
29-2032	Diagnostic Medical Sonographers	110	130	20	18.2	0
29-2033	Nuclear Medicine Technologists	40	40	0	0.0	0
29-2034	Radiologic Technologists & Technicians	400	490	90	22.5	20
29-2041	Emergency Medical Technicians & Paramedics	530	620	90	17.0	20
29-2051	Dietetic Technicians	60	70	10	16.7	

	2012 Occupational				İ	ı ı
		Average				Total
SOC		Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
29-2052	Pharmacy Technicians	400	520	120	30.0	20
29-2052	Psychiatric Technicians	50	60	10	20.0	0
29-2053	Respiratory Therapy Technicians	60	80	20	33.3	0
29-2054	Surgical Technologists	170	220	50	29.4	10
29-2056	Veterinary Technologists & Technicians	90	130	40	44.4	0
29-2061	Licensed Practical & Licensed Vocational Nurses	1,700	1,940	240	14.1	60
29-2001	Medical Records & Health Information Technicians	510	740	230	45.1	30
29-2071	Opticians, Dispensing	180	190	10	5.6	0
29-2001	Orthotists & Prosthetists	100	10	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	170	190	20	11.8	0
29-9091	Athletic Trainers	60	70	10	16.7	0
29-9199	Health Professionals & Technicians, All Other	200	250	50	25.0	10
	·					
31-0000	Healthcare Support Occupations	8,870	11,230	2,360	26.6	360
31-1011	Home Health Aides	1,100	1,370	270	24.5	40
31-1012	Nursing Aides, Orderlies, & Attendants	4,760	5,920	1,160	24.4	180
31-1013	Psychiatric Aides	300	360	60	20.0	10
31-2011	Occupational Therapist Assistants	40	50	10	25.0	0
31-2012	Occupational Therapist Assistants	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	180	250	70	38.9	10
31-2022	Physical Therapist Aides	90	110	20	22.2	0
31-9011	Massage Therapists Dental Assistants	70 690	80 920	10 230	14.3 33.3	0 40
31-9091 31-9092	Medical Assistants	710	1,050	340	33.3 47.9	40
31-9092	Medical Equipment Preparers	100	1,030	20	20.0	0
31-9093	Medical Transcriptionists	260	310	50	19.2	20
31-9094	Pharmacy Aides	110	130	20	18.2	0
31-9095	Veterinary Assistants & Laboratory Animal Caretakers	200	250	50	25.0	10
31-9099	Healthcare Support Workers, All Other	250	300	50	20.0	20
33-0000	Protective Service Occupations	5,220	6,250	1,030	19.7	230
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	50	10	25.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	250	280	30	12.0	10
33-1021	First-Line Supervisors/Managers of Fire Fighting &	440	400	00	40.0	4.0
	Prevention Workers	110	130	20	18.2	10
33-1099	First-Line Supervisors/Managers, Protective Service	400	450	00	05.0	
00 0044	Workers, All Other	120	150	30	25.0	0
33-2011	Fire Fighters	490	570	80	16.3	20
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs Correctional Officers & Jailers	10	10	0	0.0	0
33-3012		630	670	40	6.3	10
33-3021	Detectives & Criminal Investigators	110	120	10	9.1	0
33-3041	Parking Enforcement Workers Police & Sheriff's Patrol Officers	10	10	150	0.0	0
33-3051		990	1,140	150	15.2	50
33-9011	Animal Control Workers  Private Detectives & Investigators	40 60	40 80	0	0.0	0
33-9021	Private Detectives & Investigators	60 10	80	20	33.3	0
33-9031 33-9032	Gaming Surveillance Officers & Gaming Investigators Security Guards	10	10 2 500	570	0.0 29.5	0 100
33-9032	Crossing Guards	1,930 100	2,500 120	570		
33-9091	Protective Service Workers, All Other	310	360	20 50	20.0 16.1	0 30
33-8088	I TOLEGUIVE DELVICE VVOIKEIS, All OTHER	310	300	50	10.1	30
35-0000	Food Preparation & Serving Related Occupations	24,670	28,900	4,230	17.1	1,370
35-1011	Chefs & Head Cooks	220	260	40	18.2	10

		Average Annual  Employment <sup>1</sup> Projected Change			Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	•	2002	2012	Number	1 ercent	Operings
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	2,160	2,560	400	18.5	90
35-2011	Cooks, Fast Food	2,160	2,360	190	9.2	90 80
35-2011	Cooks, Institution & Cafeteria	2,070 1,720	1,730	190	0.6	50 50
35-2012	Cooks, Private Household	1,720	1,730	0	0.0	0
35-2013	Cooks, Restaurant	1,430	1,690	260	18.2	70
35-2014	Cooks, Short Order	640	710	70	10.2	30
35-2013	Food Preparation Workers	2,160	2,610	450	20.8	130
35-3011	Bartenders	870	960	90	10.3	40
35-3021	Combined Food Preparation & Serving Workers, Including	070	300	50	10.0	40
00 0021	Fast Food	5,170	6,580	1,410	27.3	360
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee	0,170	0,000	1,110	21.0	
00 0022	Shop	970	1,120	150	15.5	80
35-3031	Waiters & Waitresses	4,640	5,470	830	17.9	320
35-3041	Food Servers, Nonrestaurant	480	520	40	8.3	20
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	520	590	70	13.5	30
35-9021	Dishwashers	860	950	90	10.5	40
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	620	740	120	19.4	30
35-9099	Food Preparation & Serving Related Workers, All Other	130	140	10	7.7	0
	·					
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	10,710	13,180	2,470	23.1	450
37-1011	First-Line Supervisors/Managers of Housekeeping &					
	Janitorial Workers	470	550	80	17.0	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn		0.40			
	Service, & Groundskeeping Workers	280	340	60	21.4	10
37-2011	Janitors & Cleaners, Except Maids & Housekeeping	5.040	0.400	4 400	00.7	
0= 0040	Cleaners	5,240	6,430	1,190	22.7	220
37-2012	Maids & Housekeeping Cleaners	2,080	2,520	440	21.2	80
37-2021	Pest Control Workers	150	190	40	26.7	0
37-3011	Landscaping & Groundskeeping Workers	2,310	2,940	630	27.3	110
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	110	130	20	18.2	0
37-3013	Tree Trimmers & Pruners	20	20	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All	50	00	40	20.0	0
	Other	50	60	10	20.0	0
39-0000	Personal Care & Service Occupations	9,800	11,540	1,740	17.8	380
39-1011	Gaming Supervisors	10	10	0	0.0	0
39-1012	Slot Key Persons	20	20	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service					
	Workers	430	480	50	11.6	20
39-2011	Animal Trainers	10	20	10	100.0	0
39-2021	Nonfarm Animal Caretakers	230	280	50	21.7	20
39-3011	Gaming Dealers	30	30	0	0.0	0
39-3012	Gaming & Sports Book Writers & Runners	50	60	10	20.0	0
39-3021	Motion Picture Projectionists	30	20	-10	-33.3	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	340	360	20	5.9	20
39-3091	Amusement & Recreation Attendants	440	530	90	20.5	20
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	60	80	20	33.3	0
39-3199	Gaming Workers, All Other	80	90	10	12.5	0
39-4011	Embalmers	140	150	10	7.1	0
39-4021	Funeral Attendants	30	40	10	33.3	0
39-5011	Barbers	230	230	0	0.0	10

	•	Average Annual  Employment <sup>1</sup> Projected Change		Change	Total	
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
	·		1,880	140	8.0	40
39-5012 39-5092	Hairdressers, Hairstylists, & Cosmetologists Manicurists & Pedicurists	1,740 100	1,000	20	20.0	0
39-5092	Shampooers	50	50	0	0.0	0
39-5093	Skin Care Specialists	100	100	0	0.0	0
39-6011	Baggage Porters & Bellhops	40	50	10	25.0	0
39-6012	Concierges	10	10	0	0.0	Ö
39-6021	Tour Guides & Escorts	50	70	20	40.0	Ö
39-6031	Flight Attendants	20	20	0	0.0	o l
39-6032	Transportation Attendants, Except Flight Attendants &			_		
	Baggage Porters	60	70	10	16.7	0
39-9011	Child Care Workers	2,140	2,510	370	17.3	100
39-9021	Personal & Home Care Aides	2,430	3,080	650	26.7	110
39-9031	Fitness Trainers & Aerobics Instructors	370	500	130	35.1	20
39-9032	Recreation Workers	410	490	80	19.5	20
39-9041	Residential Advisors	80	100	20	25.0	0
39-9099	Personal Care & Service Workers, All Other	70	90	20	28.6	0
41-0000	Sales & Related Occupations	33,550	37,850	4,300	12.8	1,520
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,110	3,540	430	13.8	100
41-1012	First-Line Supervisors/Managers of Non-Retail Sales					
	Workers	940	1,090	150	16.0	40
41-2011	Cashiers	7,490	8,660	1,170	15.6	490
41-2012	Gaming Change Persons & Booth Cashiers	20	20	0	0.0	0
41-2021	Counter & Rental Clerks	1,090	1,350	260	23.9	70
41-2022	Parts Salespersons	630	610	-20	-3.2	20
41-2031	Retail Salespersons	8,370	9,500	1,130	13.5	410
41-3011	Advertising Sales Agents	290	340	50	17.2	20
41-3021	Insurance Sales Agents	2,700	2,750	50	1.9	80
41-3031	Securities, Commodities, & Financial Services Sales					
	Agents	400	410	10	2.5	10
41-3041	Travel Agents	190	230	40	21.1	0
41-4011	Sales Representatives, Wholesale & Manufacturing,	000	000	400	44.0	
44 4040	Technical & Scientific Products	860	960	100	11.6	30
41-4012	Sales Representatives, Wholesale & Manufacturing,	0.000	0.500	400	40.0	400
44 0044	Except Technical & Scientific Products	3,030	3,520	490	16.2	130
41-9011	Demonstrators & Product Promoters Real Estate Brokers	170 430	220	50	29.4	10
41-9021 41-9022	Real Estate Sales Agents	430 1,170	450	20 30	4.7 2.6	10
41-9022	Sales Engineers	510	1,200 550	40	7.8	20 20
41-9031	Telemarketers	900	960	60	6.7	30
41-9091	Door-To-Door Sales Workers, News & Street Vendors, &	300	900	00	0.7	30
41-3031	Related Workers	90	100	10	11.1	0
41-9099	Sales & Related Workers, All Other	1,160	1,390	230	19.8	40
43-0000	Office & Administrative Support Occupations	51,770	55,140	3,370	6.5	1,560
43-1011	First-Line Supervisors/Managers of Office & Administrative	51,110	JJ, 140	3,310	0.0	1,500
10 1011	Support Workers	3,360	3,520	160	4.8	90
43-2011	Switchboard Operators, Including Answering Service	460	460	0	0.0	10
43-2021	Telephone Operators	20	10	-10	-50.0	0
43-3011	Bill & Account Collectors	780	1,010	230	29.5	40
43-3021	Billing & Posting Clerks & Machine Operators	1,190	1,250	60	5.0	30
43-3031	Bookkeeping, Accounting, & Auditing Clerks	4,720	4,940	220	4.7	110
43-3041	Gaming Cage Workers	10	10	0	0.0	0

		Average .		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
43-3051	Payroll & Timekeeping Clerks	480	510	30	6.3	10
43-3061	Procurement Clerks	310	270	-40	-12.9	10
43-3071	Tellers	1,800	1,950	150	8.3	110
43-4011	Brokerage Clerks	40	30	-10	-25.0	0
43-4021	Correspondence Clerks	60	50	-10	-16.7	0
43-4031	Court, Municipal, & License Clerks	200	210	10	5.0	0
43-4041	Credit Authorizers, Checkers, & Clerks	140	120	-20	-14.3	0
43-4051	Customer Service Representatives	3,940	4,740	800	20.3	140
43-4061	Eligibility Interviewers, Government Programs	90	90	0	0.0	0
43-4071	File Clerks	580	560	-20	-3.4	20
43-4081	Hotel, Motel, & Resort Desk Clerks	360	450	90	25.0	30
43-4111	Interviewers, Except Eligibility & Loan	390	500	110	28.2	20
43-4121	Library Assistants, Clerical	270	310	40	14.8	10
43-4131	Loan Interviewers & Clerks	450	370	-80	-17.8	10
43-4141	New Accounts Clerks	280	310	30	10.7	10
43-4151	Order Clerks	750	660	-90	-12.0	20
43-4161	Human Resources Assistants, Except Payroll &					
	Timekeeping	300	350	50	16.7	20
43-4171	Receptionists & Information Clerks	2,150	2,640	490	22.8	100
43-4181	Reservation & Transportation Ticket Agents & Travel	500	740	000	40.0	
10 1000	Clerks	520	740	220	42.3	30
43-4999	Financial, Information, & Record Clerks, All Other	490	500	10	2.0	10
43-5011	Cargo & Freight Agents	160	170	10	6.3	0
43-5021	Couriers & Messengers	200	200	0	0.0	10
43-5031	Police, Fire, & Ambulance Dispatchers	210	250	40	19.0	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance Meter Readers, Utilities	270 100	310 110	40 10	14.8 10.0	10
43-5041	Postal Service Clerks	240	300	60	25.0	0 20
43-5051 43-5052	Postal Service Mail Carriers	1,170	1,470	300	25.0 25.6	70
43-5052	Postal Service Mail Sorters, Processors, & Processing	1,170	1,470	300	25.0	70
43-3033	Machine Operators	570	640	70	12.3	30
43-5061	Production, Planning, & Expediting Clerks	1,370	1,510	140	10.2	40
43-5071	Shipping, Receiving, & Traffic Clerks	1,720	1,730	10	0.6	40
43-5081	Stock Clerks & Order Fillers	3,810	3,620	-190	-5.0	140
43-5111	Weighers, Measurers, Checkers, & Samplers,	0,010	0,020		0.0	
	Recordkeeping	140	170	30	21.4	О
43-5199	Material Recording, Scheduling, Dispatching, & Distributing					
	Workers, All Other	20	10	-10	-50.0	0
43-6011	Executive Secretaries & Administrative Assistants	3,350	3,510	160	4.8	80
43-6012	Legal Secretaries	390	500	110	28.2	20
43-6013	Medical Secretaries	640	700	60	9.4	20
43-6014	Secretaries, Except Legal, Medical, & Executive	4,340	4,210	-130	-3.0	80
43-9011	Computer Operators	370	290	-80	-21.6	10
43-9021	Data Entry Keyers	870	810	-60	-6.9	20
43-9022	Word Processors & Typists	170	120	-50	-29.4	0
43-9031	Desktop Publishers	60	80	20	33.3	0
43-9041	Insurance Claims & Policy Processing Clerks	220	220	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal					
	Service	260	260	0	0.0	10
43-9061	Office Clerks, General	6,400	6,840	440	6.9	180
43-9071	Office Machine Operators, Except Computer	160	160	0	0.0	0
43-9081	Proofreaders & Copy Markers	30	30	0	0.0	0

		Average Annual  Employment <sup>1</sup> Projec					Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>	
	·						
43-9111 43-9999	Statistical Assistants Secretaries, Administrative Assistants, & Other Office	10	10	0	0.0	0	
	Support Workers, All Other	370	350	-20	-5.4	10	
45-0000	Farming, Fishing, & Forestry Occupations	480	550	70	14.6	10	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	20	20	0	0.0	0	
45-2011	Agricultural Inspectors	30	30	0	0.0	0	
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0	
45-2091	Agricultural Equipment Operators	120	150	30	25.0	0	
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	150	160	10	6.7	o l	
45-2093	Farmworkers, Farm & Ranch Animals	70	90	20	28.6	0	
45-3011	Fishers & Related Fishing Workers	10	10	0	0.0	0	
45-9099	Farming, Fishing, & Forestry Workers, All Other	20	20	0	0.0	0	
45-9099	ranning, rishing, & rolestry Workers, All Other	20	20	U	0.0		
<b>47-0000</b> 47-1011	Construction & Extraction Occupations First-Line Supervisors/Managers of Construction Trades &	16,410	19,600	3,190	19.4	610	
	Extraction Workers	1,720	2,060	340	19.8	60	
47-2011	Boilermakers	20	20	0	0.0	0	
47-2021	Brickmasons & Blockmasons	160	190	30	18.8	0	
47-2022	Stonemasons	50	60	10	20.0	0	
47-2031	Carpenters	2,320	2,770	450	19.4	90	
47-2041	Carpet Installers	170	190	20	11.8	0	
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	40	40	0	0.0	0	
47-2043	Floor Sanders & Finishers	10	10	0	0.0	0	
47-2044	Tile & Marble Setters	150	190	40	26.7	0	
47-2051	Cement Masons & Concrete Finishers	450	580	130	28.9	20	
47-2061	Construction Laborers	2,200	2,700	500	22.7	80	
47-2071	Paving, Surfacing, & Tamping Equipment Operators	190	220	30	15.8	0	
47-2073	Operating Engineers & Other Construction Equipment						
	Operators	1,150	1,320	170	14.8	50	
47-2081	Drywall & Ceiling Tile Installers	160	200	40	25.0	0	
47-2082	Tapers	60	70	10	16.7	0	
47-2111	Electricians	1,110	1,380	270	24.3	50	
47-2121	Glaziers	90	110	20	22.2	0	
47-2130	Insulation Workers	170	210	40	23.5	10	
47-2141	Painters, Construction & Maintenance	830	970	140	16.9	20	
47-2142	Paperhangers	20	30	10	50.0	0	
47-2151	Pipelayers	110	130	20	18.2	0	
47-2152	Plumbers, Pipefitters, & Steamfitters	980	1,170	190	19.4	40	
47-2161	Plasterers & Stucco Masons	90	110	20	22.2	0	
47-2171	Reinforcing Iron & Rebar Workers	50	60	10	20.0	0	
47-2181	Roofers	330	390	60	18.2	20	
47-2211	Sheet Metal Workers	1,520	1,670	150	9.9	60	
47-2221	Structural Iron & Steel Workers	90	110	20	22.2	0	
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &	30	110	20	22.2	Ĭ	
47 3011	Tile & Marble Setters	180	190	10	5.6	10	
47-3012	HelpersCarpenters	310	370	60	19.4	20	
47-3012	HelpersCarpenters HelpersElectricians	170	200	30	17.6	10	
47-3013	HelpersPainters, Paperhangers, Plasterers, & Stucco	170	200	50	17.0	'	
77 3014	Masons	70	80	10	14.3	0	
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	190	210	20		10	
47-3015	HelpersRoofers	60	70	10		0	
<del>-11-3010</del>	Holpera Modicia	00	70	10	10.7	ı	

		Average A		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
47-3019	Helpers, Construction Trades, All Other	80	110	30	37.5	0
47-4011	Construction & Building Inspectors	90	110	20	22.2	ő
47-4021	Elevator Installers & Repairers	30	30	0	0.0	0
47-4031	Fence Erectors	20	30	10	50.0	0
47-4041	Hazardous Materials Removal Workers	80	120	40	50.0	0
47-4051	Highway Maintenance Workers	250	290	40	16.0	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	30	40	10	33.3	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	40	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	70	80	10	14.3	0
47-5011	Derrick Operators, Oil & Gas	50	70	20	40.0	0
47-5012	Rotary Drill Operators, Oil & Gas	90	130	40	44.4	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	90	120	30	33.3	0
47-5021	Earth Drillers, Except Oil & Gas	20	20	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	110	140	30	27.3	0
47-5081	HelpersExtraction Workers	120	150	30	25.0	0
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
49-0000	Installation, Maintenance, & Repair Occupations	15,000	17,570	2,570	17.1	580
49-1011	First-Line Supervisors/Managers of Mechanics, Installers,					
	& Repairers	1,250	1,470	220	17.6	50
49-2011	Computer, Automated Teller, & Office Machine Repairers	360	390	30	8.3	0
49-2021	Radio Mechanics	10	10	0	0.0	0
49-2022	Telecommunications Equipment Installers & Repairers,	0.40	0.40	^	0.0	40
40.0004	Except Line Installers	240	240	0	0.0	10
49-2091	Avionics Technicians	700	830	130	18.6	30
49-2092 49-2093	Electric Motor, Power Tool, & Related Repairers	60	70	10	16.7	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	50	50	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial	30	30	U	0.0	0
49-2094	Equipment	170	180	10	5.9	0
49-2095	Electrical & Electronics Repairers, Powerhouse,	170	100	10	5.5	
49-2093	Substation, & Relay	40	40	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor	40	40	U	0.0	
45 2050	Vehicles	10	20	10	100.0	О
49-2097	Electronic Home Entertainment Equipment Installers &	10	20	10	100.0	Ĭ
10 2001	Repairers	150	160	10	6.7	0
49-2098	Security & Fire Alarm Systems Installers	120	150	30	25.0	o l
49-2099	Electrical & Electronic Equipment Mechanics, Installers, &					
	Repairers, All Other	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	2,030	2,520	490	24.1	100
49-3021	Automotive Body & Related Repairers	490	570	80	16.3	20
49-3022	utomotive Glass Installers & Repairers	30	40	10	33.3	0
49-3023	Automotive Service Technicians & Mechanics	1,650	1,880	230	13.9	60
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	710	830	120	16.9	30
49-3041	Farm Equipment Mechanics	130	150	20	15.4	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	290	320	30	10.3	10
49-3043	Rail Car Repairers	40	50	10	25.0	0
49-3051	Motorboat Mechanics	20	20	0	0.0	0
49-3052	Motorcycle Mechanics	60	70	10	16.7	0
49-3053	Outdoor Power Equipment & Other Small Engine					
	Mechanics	50	60	10	20.0	0

		Average	Annual			Total
SOC	<u>-</u>	Employı	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-3091	Bicycle Repairers	30	40	10	33.3	0
49-3092	Recreational Vehicle Service Technicians	30	30	0	0.0	0
49-3093	Tire Repairers & Changers	390	430	40	10.3	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, &					
	Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	40	50	10	25.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical					
	Door	50	60	10	20.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &			4=0		
40.0004	Installers	560	730	170	30.4	30
49-9031	Home Appliance Repairers	110	110	0	0.0	0
49-9041	Industrial Machinery Mechanics	470	540	70	14.9	20
49-9042	Maintenance & Repair Workers, General	2,780	3,270	490	17.6	100
49-9043	Maintenance Workers, Machinery	150	180	30	20.0	0
49-9044 49-9051	Millwrights Electrical Power-Line Installers & Repairers	100 350	120 410	20 60	20.0 17.1	0 20
49-9051	Telecommunications Line Installers & Repairers	280	300	20	7.1	10
49-9052	Camera & Photographic Equipment Repairers	10	10	0	0.0	0
49-9061	Medical Equipment Repairers	20	30	10	50.0	0
49-9063	Musical Instrument Repairers & Tuners	20	20	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	40	40	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers &	40	40	U	0.0	Ĭ
40 0001	Repairers	110	130	20	18.2	0
49-9094	Locksmiths & Safe Repairers	60	80	20	33.3	Ö
49-9095	Manufactured Building & Mobile Home Installers	50	60	10	20.0	0
49-9096	Riggers	20	30	10	50.0	0
49-9097	Signal & Track Switch Repairers	30	30	0	0.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	260	310	50	19.2	20
49-9099	Installation, Maintenance, & Repair Workers, All Other	360	410	50	13.9	20
51-0000	Production Occupations	34,990	36,490	1,500	4.3	950
51-1011	First-Line Supervisors/Managers of Production &					
	Operating Workers	2,720	3,010	290	10.7	90
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems					
	Assemblers	3,380	3,570	190	5.6	110
51-2021	Coil Winders, Tapers, & Finishers	40	40	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	590	500	-90	-15.3	10
51-2023 51-2031	Electromechanical Equipment Assemblers Engine & Other Machine Assemblers	500 130	470	-30	-6.0 7.7	10
51-2031	Structural Metal Fabricators & Fitters	540	140 530	10 -10	-1.9	0 10
51-2041	Fiberglass Laminators & Fabricators	160	150	-10 -10	-6.3	0
51-2091	Team Assemblers	3,700	3,630	-10 -70	-1.9	100
51-2092	Timing Device Assemblers, Adjusters, & Calibrators	10	10	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	370	350	-20	-5.4	10
51-3011	Bakers	240	270	30	12.5	10
51-3021	Butchers & Meat Cutters	270	260	-10	-3.7	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	510	550	40	7.8	10
51-3023	Slaughterers & Meat Packers	520	560	40	7.7	10
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine		223	. •		
	Operators & Tenders	40	50	10	25.0	0
51-3092	Food Batchmakers	120	140	20	16.7	0
51-3093	Food Cooking Machine Operators & Tenders	80	100	20	25.0	0

	·	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
51-3099 51-4011	Food Processing Workers, All Other Computer-Controlled Machine Tool Operators, Metal &	70	70	0	0.0	0
31 4011	Plastic	1,200	1,250	50	4.2	30
51-4012	Numerical Tool & Process Control Programmers	80	80	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &			-		
	Tenders, Metal & Plastic	200	200	0	0.0	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &					
	Plastic	120	130	10	8.3	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal &					
	Plastic	110	110	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, &					
54 4000	Tenders, Metal & Plastic	710	730	20	2.8	20
51-4032	Drilling & Boring Machine Tool Setters, Operators, &	400	400	0	0.0	
51-4033	Tenders, Metal & Plastic Grinding, Lapping, Polishing, & Buffing Machine Tool	120	120	0	0.0	0
51-4033	Setters, Operators, & Tenders, Metal & Plastic	390	390	0	0.0	10
51-4034	Lathe & Turning Machine Tool Setters, Operators, &	330	330	U	0.0	10
01 4004	Tenders, Metal & Plastic	200	210	10	5.0	О
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,					
	Metal & Plastic	190	180	-10	-5.3	0
51-4041	Machinists	1,890	1,960	70	3.7	50
51-4051	Metal-Refining Furnace Operators & Tenders	20	20	0	0.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	60	60	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	110	110	0	0.0	0
51-4071	Foundry Mold & Coremakers	80	80	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters,	0.40	0.40	•	0.0	4.0
E4 4004	Operators, & Tenders, Metal & Plastic	340	340	0	0.0	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	140	150	10	7.1	
51-4111	Tool & Die Makers	590	560	-30	-5.1	0 10
51-4111	Welders, Cutters, Solderers, & Brazers	1,270	1,440	170	13.4	60
51-4121	Welding, Soldering, & Brazing Machine Setters, Operators,	1,270	1,440	170	10.4	00
01 1122	& Tenders	90	90	0	0.0	О
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,					
	Metal & Plastic	140	140	0	0.0	10
51-4192	Lay-Out Workers, Metal & Plastic	20	20	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,					
	Metal & Plastic	130	130	0		0
51-4194	Tool Grinders, Filers, & Sharpeners	50	40	-10		0
51-4199	Metal Workers & Plastic Workers, All Other	310	300	-10	-3.2	10
51-5011	Bindery Workers	200	180	-20		10
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	130 210	140 190	10 -20	7.7 -9.5	0 10
51-5022 51-5023	Prepress Technicians & Workers Printing Machine Operators	490	530	-20 40	8.2	10
51-5023	Printing Workers, All Other	40	40	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	520	620	100		20
51-6021	Pressers, Textile, Garment, & Related Materials	120	150	30		0
51-6031	Sewing Machine Operators	430	480	50	11.6	20
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	10	10	0	0.0	0

	•	Average . Employi		Projected	Change	Total
SOC Code	Occupational Title	2002	2012	Number	Percent	Annual Openings <sup>2</sup>
51-6052	Tailors, Dressmakers, & Custom Sewers	50	60	10	20.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	50	50	0	0.0	o l
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,					
	Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, &					
	Tenders, Synthetic & Glass Fibers	50	60	10	20.0	0
51-6092	Fabric & Apparel Patternmakers	20	20	0	0.0	0
51-6093	Upholsterers	120	100	-20	-16.7	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	70	80	10	14.3	0
51-7011	Cabinetmakers & Bench Carpenters	320	340	20	6.3	10
51-7021	Furniture Finishers	70 10	70 10	0	0.0	0
51-7031 51-7032	Model Makers, Wood Patternmakers, Wood	10 30	10 30	0	0.0 0.0	0
51-7032	Sawing Machine Setters, Operators, & Tenders, Wood	140	130	0 -10	-7.1	0 0
51-7041	Woodworking Machine Setters, Operators, & Tenders,					
	Except Sawing	210	200	-10	-4.8	10
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	80 70	90	10	12.5	0 0
51-8021 51-8031	Stationary Engineers & Boiler Operators Water & Liquid Waste Treatment Plant & System	70	70	0	0.0	
31-0031	Operators	190	220	30	15.8	10
51-8091	Chemical Plant & System Operators	210	230	20	9.5	10
51-8092	Gas Plant Operators	50	60	10	20.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, &	00	00	10	20.0	Ĭ
0.0000	Gaugers	220	250	30	13.6	10
51-8099	Plant & System Operators, All Other	20	30	10	50.0	0
51-9011	Chemical Equipment Operators & Tenders	120	130	10	8.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still					
	Machine Setters, Operators, & Tenders	70	90	20	28.6	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,					
	Operators, & Tenders	130	130	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	240	240	0	0.0	10
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	230	230	0	0.0	10
51-9031	Cutters & Trimmers, Hand	50	60	10	20.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	130	150	20	15.4	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine	00	90	10	11 1	
51-9051	Setters, Operators, & Tenders Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	90 30	80 30	-10 0	-11.1 0.0	0 0
51-9051	Inspectors, Testers, Sorters, Samplers, & Weighers	2,110	2,120	10	0.5	50
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0	0.0	0
51-9081	Dental Laboratory Technicians	90	90	0	0.0	0
51-9082	Medical Appliance Technicians	10	20	10	100.0	Ö
51-9083	Ophthalmic Laboratory Technicians	50	50	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	790	960	170	21.5	40
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	590	640	50		30
51-9122	Painters, Transportation Equipment	370	400	50 30	8.5 8.1	10
51-9122	Painting, Coating, & Decorating Workers	50	60	10	20.0	0
51-9123	Photographic Process Workers	60	60	0	0.0	0
51-9132	Photographic Processing Machine Operators	170	190	20	11.8	0
51-9141	Semiconductor Processors	10	10	0	0.0	

	_0 0.00 <b>.</b> _	Average Annual				Tatal
200		Employ		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
51-9191	Cementing & Gluing Machine Operators & Tenders	50	50	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators					
	& Tenders	40	40	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	40	40	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	30	10	50.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders Tire Builders	140	160	20	14.3	0
51-9197 51-9198	HelpersProduction Workers	40 1,400	40 1,450	0 50	0.0 3.6	0 50
51-9190	Production Workers, All Other	1,400	1,430	70	6.8	40
	·		•			
53-0000	Transportation & Material Moving Occupations	20,120	22,620	2,500	12.4	670
53-1011	Aircraft Cargo Handling Supervisors	20	20	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, &	400	470	<b>50</b>	44.0	20
E2 1021	Material Movers, Hand	420	470	50	11.9	20
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	460	530	70	15.2	20
53-2011	Airline Pilots, Copilots, & Flight Engineers	400	550	70	15.2	20
33-2011	Annue i noto, Copnoto, a i ngrit Engineero					
	Air Traffic Controllers	70	70	0	0.0	0
53-2022	Airfield Operations Specialists	10	10	0	0.0	0
53-2099	Air Transportation Workers, All Other	20	30	10	50.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	20	20	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	110	140	30	27.3	0
53-3022	Bus Drivers, School	1,520	1,760	240	15.8	50
53-3031	Driver/Sales Workers	1,190	1,270	80	6.7	30
53-3032	Truck Drivers, Heavy & Tractor-Trailer	4,270	5,010	740	17.3	140
53-3033	Truck Drivers, Light or Delivery Services	1,820	2,150	330	18.1	50
53-3041	Taxi Drivers & Chauffeurs	230	270	40	17.4	0
53-3099	Motor Vehicle Operators, All Other	120	140	20	16.7	0
53-4011	Locomotive Engineers	90	110	20	22.2	0
53-4021	Railroad Brake, Signal, & Switch Operators	70	70	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	80	100	20	25.0	0
53-4099	Rail Transportation Workers, All Other	10	10	0	0.0	0
53-6021	Parking Lot Attendants	30	30	0	0.0	0
53-6031	Service Station Attendants Traffic Technicians	260	290	30	11.5	10
53-6041		10	20	10	100.0 14.3	0
53-6051 53-6099	Transportation Inspectors Transportation Workers, All Other	70 40	80 50	10 10	25.0	0
53-7011	Conveyor Operators & Tenders	70	80	10	14.3	0 0
53-7011	Crane & Tower Operators	80	90	10	12.5	0
53-7021	Excavating & Loading Machine & Dragline Operators	80	90	10	12.5	0
53-7032	Hoist & Winch Operators	20	30	10	50.0	0
53-7051	Industrial Truck & Tractor Operators	1,080	1,190	110	10.2	30
53-7061	Cleaners of Vehicles & Equipment	770	870	100	13.0	40
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	4,050	4,110	60	1.5	140
53-7063	Machine Feeders & Offbearers	320	320	0	0.0	10
53-7064	Packers & Packagers, Hand	1,870	2,180	310	16.6	70
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	30	40	10	33.3	0
53-7073	Wellhead Pumpers	140	190	50	35.7	10

SOC		Average A	4	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-7081	Refuse & Recyclable Material Collectors	250	320	70	28.0	20
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	80	90	10	12.5	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.

## **Southeast Region**

## Southeast Kansas Region Occupational Trends

In 2002, total occupational employment was 127,650 and is projected to reach 143,110 in 2012, or 12.1 percent growth over the period. The largest major occupational group for the Southeast region in 2002 was the **Management** occupational group with an employment level of 18,900. The same occupational group is projected to be the largest in the year 2012, employing 19,130. The **Office and Administrative Support** and **Productions** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The Education, Training and Library occupational group is expected to have the largest numerical job growth, 1,970, followed by the Food Preparation and Serving Related and Sales and Related occupational groups, each with 1,430. The Healthcare Support and Education, Training and Library occupational groups will experience the greatest percent growth, each projected to experience a 24.1 percent change, followed by the Healthcare Practitioners and Technical occupational group with a 23.1 percent increase.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 520, followed by the **Food Preparation and Serving Related** occupational group with 490 annual openings. These two occupational groups will account for more than 25 percent of all the annual job openings for the Southeast region. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 220, followed by **retail salespersons** with 120 annual openings.

202	·	Average Annual  Employment <sup>1</sup> Projected Change			Total Annual	
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	Total, All Southeast Occupations	127,650	143,110	<u>15,460</u>	<u>12.1</u>	<u>3,920</u>
11-0000	Management Occupations	18,900	19,130	230	1.2	90
11-1011	Chief Executives	440	500	60	13.6	20
11-1021	General & Operations Managers	1,390	1,610	220	15.8	50
11-1031	Legislators	100	110	10	10.0	0
11-2011	Advertising & Promotions Managers	30	40	10	33.3	0
11-2021	Marketing Managers	80	90	10	12.5	0
11-2022	Sales Managers	200	270	70	35.0	10
11-2031	Public Relations Managers	20	30	10	50.0	0
11-3011	Administrative Services Managers	160	190	30	18.8	0
11-3021	Computer & Information Systems Managers	110	140	30	27.3	0
11-3031	Financial Managers	310	360	50	16.1	10
11-3040	Human Resources Managers	90	110	20	22.2	0
11-3051	Industrial Production Managers	210	240	30	14.3	0
11-3061	Purchasing Managers	60	60	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	80	90 120	10	12.5	0
11-9011	Farm, Ranch, & Other Agricultural Managers Farmers & Ranchers	100 13,740	13,100	20 -640	20.0 -4.7	0 10
11-9012		13,740	200	30	-4.7 17.6	0
11-9021 11-9031	Construction Managers	170	200	30	17.0	U
11-9031	Education Administrators, Preschool & Child Care	30	40	10	33.3	0
11 0022	Center/Program	260	320	60	23.1	0 20
11-9032 11-9033	Education Administrators, Elementary & Secondary School Education Administrators, Postsecondary	110	130	20	18.2	0
11-9033	Education Administrators, Postsecondary  Education Administrators, All Other	10	10	0	0.0	0
11-9039	Engineering Managers	100	120	20	20.0	0
11-9051	Food Service Managers	210	240	30	14.3	0
11-9061	Funeral Directors	100	100	0	0.0	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9111	Medical & Health Services Managers	230	290	60	26.1	10
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	50	60	10	20.0	o l
11-9141	Property, Real Estate, & Community Association Managers	60	70	10	16.7	
11-9151	Social & Community Service Managers	90	100	10	11.1	Ö
11-9199	Managers, All Other	330	360	30	9.1	10
13-0000	Business & Financial Operations Occupations	2,820	3,310	490	17.4	80
13-1021	Purchasing Agents & Buyers, Farm Products	30	30	0	0.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	100	100	0	0.0	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm	0.4.0			40.0	
10 1001	Products	210	250	40	19.0	10
13-1031	Claims Adjusters, Examiners, & Investigators	60	60	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction,	400	4.40	4.0		
40 4054	Health & Safety, & Transportation	130	140	10	7.7	0
13-1051	Cost Estimators	160	200	40	25.0	0
13-1061	Emergency Management Specialists	10	20	10	100.0	0
13-1071	Employment, Recruitment, & Placement Specialists	60	70	10	16.7	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	50 110	60	10	20.0	0
13-1073	Training & Development Specialists	110	140	30	27.3	0
13-1111	Management Analysts  Macting & Convention Planners	240	280	40	16.7	0
13-1121	Meeting & Convention Planners	20 420	20 510	0	0.0	0 20
13-1199	Business Operations Specialists, All Other	420	510	90	21.4	l 20 ∥

	·	Average Annual  Employment <sup>1</sup> Projected Change			Total	
SOC						Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
13-2011	Accountants & Auditors	630	750	120	19.0	20
13-2021	Appraisers & Assessors of Real Estate	80	90	10	12.5	0
13-2031	Budget Analysts	20	20	0	0.0	0
13-2041	Credit Analysts	30	30	0	0.0	0
13-2051	Financial Analysts	60	80	20	33.3	0
13-2052	Personal Financial Advisors	40	50	10	25.0	0
13-2053	Insurance Underwriters	20	20	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	240	260	20	8.3	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	30	40	10	33.3	0
13-2099	Financial Specialists, All Other	30	40	10	33.3	0
15-0000	Computer & Mathematical Occupations	1,360	1,630	270	19.9	40
15-1011	Computer & Information Scientists, Research	10	10	0	0.0	0
15-1021	Computer Programmers	190	210	20	10.5	10
15-1031	Computer Software Engineers, Applications	120	140	20	16.7	0
15-1032	Computer Software Engineers, Systems Software	70	90	20	28.6	0
15-1041	Computer Support Specialists	260	310	50	19.2	10
15-1051	Computer Systems Analysts	230	280	50	21.7	10
15-1061	Database Administrators	60	80	20	33.3	0
15-1071	Network & Computer Systems Administrators	200	250	50	25.0	10
15-1081	Network Systems & Data Communications Analysts	110	140	30	27.3	0
15-1099	Computer Specialists, All Other	70	80	10	14.3	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	20	20	0	0.0	0
15-2041	Statisticians	10	10	0	0.0	0
17-0000	Architecture & Engineering Occupations	1,220	1,360	140	11.5	10
17-1011	Architects, Except Landscape & Naval	20	30	10	50.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	20	20	0	0.0	0
17-1022	Surveyors	10	10	0	0.0	0
17-2011	Aerospace Engineers	30	40	10	33.3	0
17-2041	Chemical Engineers	20	20	0	0.0	0
17-2051	Civil Engineers	70	80	10	14.3	0
17-2061	Computer Hardware Engineers	10	10	0	0.0	0
17-2071	Electrical Engineers	70	80	10	14.3	0
17-2072	Electronics Engineers, Except Computer	80	90	10	12.5	0
17-2081	Environmental Engineers	20	20	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety					
	Engineers & Inspectors	20	20	0	0.0	0
17-2112	Industrial Engineers	100	110	10	10.0	0
17-2131	Materials Engineers	10	10	0	0.0	0
17-2141	Mechanical Engineers	150	160	10	6.7	0
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0
17-2199	Engineers, All Other	90	100	10	11.1	0
17-3011	Architectural & Civil Drafters	30	40	10	33.3	0
17-3012	Electrical & Electronics Drafters	20	20	0	0.0	0
17-3013	Mechanical Drafters	80	80	0	0.0	0
17-3021	erospace Engineering & Operations Technicians	10	10	0	0.0	0

		Average		Dan's start	01	Total
soc		Employ		Projected		Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
17-3022	Civil Engineering Technicians	90	100	10	11.1	0
17-3023	Electrical & Electronic Engineering Technicians	80	90	10	12.5	0
17-3024	Electro-Mechanical Technicians	10	10	0	0.0	0
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	30	40	10	33.3	0
17-3031	Surveying & Mapping Technicians	20	30	10	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	60	70	10	16.7	0
19-0000	Life, Physical, & Social Science Occupations	570	660	90	15.8	10
19-1010	Agricultural & Food Scientists	20	30	10	50.0	0
19-1021	Biochemists & Biophysicists	10	10	0	0.0	0
19-1022	Microbiologists Conservation Scientists	10	10	0	0.0	0
19-1031 19-1042	Medical Scientists, Except Epidemiologists	10 10	10 10	0	0.0 0.0	0
19-1042	Life Scientists, All Other	10	10	0	0.0	0
19-1099	Chemists	30	40	10	33.3	0
19-2031	Environmental Scientists & Specialists, Including Health	40	40	0	0.0	0
19-2041	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-2042	Physical Scientists, All Other	10	10	0	0.0	0
19-3021	Market Research Analysts	60	80	20	33.3	ő
19-3022	Survey Researchers	20	20	0	0.0	ő
19-3031	Clinical, Counseling, & School Psychologists	140	170	30	21.4	o o
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	20	20	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	50	60	10	20.0	0
19-4041	Geological & Petroleum Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including					
	Health	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	40	40	0	0.0	0
21-0000	Community & Social Services Occupations	2,360	2,860	500	21.2	80
21-1011	Substance Abuse & Behavioral Disorder Counselors	40	50	10	25.0	0
21-1012	Educational, Vocational, & School Counselors	200	230	30	15.0	10
21-1013 21-1014	Marriage & Family Therapists  Mental Health Counselors	40	40	0	0.0 16.7	0
21-1014	Rehabilitation Counselors	60 130	70 160	10 30	23.1	0
21-1013	Child, Family, & School Social Workers	200	240	40	20.0	0 0
21-1021	Medical & Public Health Social Workers	110	140	30	27.3	0
21-1022	Mental Health & Substance Abuse Social Workers	150	180	30	20.0	0
21-1091	Health Educators	20	20	0	0.0	o l
21-1092	Probation Officers & Correctional Treatment Specialists	80	90	10	12.5	ő
21-1093	Social & Human Service Assistants	480	630	150	31.3	30
21-2011	Clergy	550	630	80	14.5	20
21-2021	Directors, Religious Activities & Education	130	160	30	23.1	0
21-9099	Counselors, Social, & Religious Workers, All Other	170	220	50	29.4	10
23-0000	Legal Occupations	490	560	70	14.3	10
23-1011	Lawyers	250	290	40	16.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	30	30	0	0.0	0
23-2011	Paralegals & Legal Assistants	90	130	40	44.4	0

	·	Average Annual			Tatal	
200		Employr		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·					
23-2091 23-2092	Court Reporters Law Clerks	20 20	20 20	0	0.0 0.0	0
23-2092	Title Examiners, Abstractors, & Searchers	20	20	0	0.0	0
23-2093	Legal & Related Workers, All Other	50 50	50 50	0	0.0	0
23-9099	Legal & Nelated Workers, All Other	30	50	U	0.0	0
25-0000	Education, Training, & Library Occupations	8,170	10,140	1,970	24.1	350
25-1011	Business Teachers, Postsecondary	80	110	30	37.5	0
25-1021	Computer Science Teachers, Postsecondary	50	70	20	40.0	0
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	28.6	0
25-1031	Architecture Teachers, Postsecondary	10	20	10	100.0	0
25-1032	Engineering Teachers, Postsecondary	40	60	20	50.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	30	40	10	33.3	0
25-1042	Biological Science Teachers, Postsecondary	60	80	20	33.3	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers,	40	40	0	0.0	
05.4050	Postsecondary Observator Tarachara Bastana and any	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	20	30	10	50.0	0
25-1054	Physics Teachers, Postsecondary	10	20	10	100.0	0
25-1063	Economics Teachers, Postsecondary Geography Teachers, Postsecondary	20 10	30 10	10	50.0 0.0	0
25-1064 25-1065		10	20	0 10	100.0	0
	Political Science Teachers, Postsecondar Psychology Teachers, Postsecondary	40	50 50	10	25.0	0
25-1066 25-1067	Sociology Teachers, Postsecondary	20	30	10	50.0	0
25-1067 25-1071	Health Specialties Teachers, Postsecondary	50 50	70	20	40.0	0
25-1071	Nursing Instructors & Teachers, Postsecondary	30	40	10	33.3	0
25-1072	Education Teachers, Postsecondary	50 50	70	20	40.0	0
25-1081	Library Science Teachers, Postsecondary	10	10	0	0.0	o l
25-1002	Criminal Justice & Law Enforcement Teachers,	10	10	U	0.0	l
25 1111	Postsecondary	10	20	10	100.0	0
25-1112	Law Teachers, Postsecondary	10	10	0	0.0	ő
25-1113	Social Work Teachers, Postsecondary	10	20	10	100.0	o O
25-1121	Art, Drama, & Music Teachers, Postsecondary	90	130	40	44.4	0
25-1122	Communications Teachers, Postsecondary	30	40	10	33.3	0
25-1123	English Language & Literature Teachers, Postsecondary	80	100	20	25.0	o o
25-1124	Foreign Language & Literature Teachers, Postsecondary	40	50	10	25.0	0
25-1125	History Teachers, Postsecondary	30	40	10	33.3	0
25-1126	Philosophy & Religion Teachers, Postsecondary	20	20	0	0.0	0
25-1191	Graduate Teaching Assistants	20	30	10	50.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	30	30	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	60	80	20	33.3	0
25-1199	Postsecondary Teachers, All Other	190	240	50	26.3	10
25-2011	Preschool Teachers, Except Special Education	180	220	40	22.2	0
25-2012	Kindergarten Teachers, Except Special Education	180	230	50	27.8	10
25-2021	Elementary School Teachers, Except Special Education	1,910	2,260	350	18.3	80
25-2022	Middle School Teachers, Except Special & Vocational					
	Education	890	1,000	110	12.4	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational					
	Education	1,320	1,600	280	21.2	70
25-2032	Vocational Education Teachers, Secondary School	200	220	20	10.0	10
25-2041	Special Education Teachers, Preschool, Kindergarten, &	_	_		_	
	Elementary School	260	350	90	34.6	20

		Average	Annual			Total
SOC		Employ	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·	120	170	40	20.0	
25-2042 25-2043	Special Education Teachers, Middle School Special Education Teachers, Secondary School	130 180	240	40 60	30.8 33.3	0 10
25-2043	Adult Literacy, Remedial Education, & GED Teachers &	100	240	00	33.3	
20 0011	Instructors	50	60	10	20.0	0
25-3021	Self-Enrichment Education Teachers	70	90	20	28.6	o 0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	620	910	290	46.8	40
25-4010	Archivists, Curators, & Museum Technicians	20	20	0	0.0	0
25-4021	Librarians	180	190	10	5.6	0
25-4031	Library Technicians	130	160	30	23.1	10
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	90	110	20	22.2	0
25-9041	Teacher Assistants	460	570	110	23.9	20
25-9199	Library, Museum, Training, & Other Education Workers, All					
	Other	10	10	0	0.0	0
27-0000	Arts, Design, Entertainment, Sports, & Media	4 450	4.070		45.0	
	Occupations	1,450	1,670	220	15.2	20
27-1011	Art Directors	10	10	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	20	20	0	0.0	0
27-1021	Commercial & Industrial Designers	20	20	0	0.0	0
27-1023	Floral Designers	140	160	20	14.3	0
27-1024	Graphic Designers	140	170	30	21.4	0
27-1025	Interior Designers	30	30	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	30	40	10	33.3	0
27-1099	Art & Design Workers, All Other	40	40	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	230	280	50	21.7	10
27-2023	Umpires, Referees, & Other Sports Officials	20	30	10	50.0	0
27-2031	Dancers	10 10	10 20	0	0.0	0
27-2032	Choreographers Music Directors & Composers	50	50 50	10	100.0	0
27-2041 27-2042		100		0 20	0.0 20.0	· · · · · · · · · · · · · · · · · · ·
27-2042	Musicians & Singers Announcers	70	120 60	-10	-14.3	0
27-3010	News Analysts, Reporters, & Correspondents	70 60	70	10	-14.3 16.7	0 0
27-3020	Public Relations Specialists	110	140	30	27.3	0
27-3031	Editors	80	90	10	12.5	0
27-3041	Technical Writers	10	20	10	100.0	0
27-3042	Writers & Authors	60	60	0	0.0	0
27-3043	Interpreters & Translators	20	30	10	50.0	0
27-3091	Media & Communication Workers, All Other	10	20	10	100.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4011	Broadcast Technicians	30	30	0	0.0	0
27-4012	Radio Operators	30	20	-10	-33.3	0
27-4021	Photographers	50	50	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4032	Film & Video Editors	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
29-0000	Healthcare Practitioners & Technical Occupations	5,800	7,140	1,340	23.1	190
29-1011	Chiropractors	40	40	0	0.0	0
29-1020	Dentists	90	90	0	0.0	0

	·	Average .	Annual			Total
SOC		Employi	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
29-1031	Dietitians & Nutritionists	30	40	10	33.3	0
29-1041	Optometrists	20	20	0	0.0	0
29-1051	Pharmacists	160	210	50	31.3	10
29-1061	Anesthesiologists	50	60	10	20.0	0
29-1062	Family & General Practitioners	140	150	10	7.1	0
29-1063	Internists, General	50	50	0	0.0	0
29-1064	Obstetricians & Gynecologists	30	30	0	0.0	0
29-1065	Pediatricians, General	40	50	10	25.0	0
29-1066	Psychiatrists	60	70	10	16.7	0
29-1067	Surgeons	110	110	0	0.0	0
29-1069	Physicians & Surgeons, All Other	50	60	10	20.0	0
29-1071	Physician Assistants	40	50	10	25.0	0
29-1081	Podiatrists	10	10	0	0.0	0
29-1111	Registered Nurses	2,190	2,790	600	27.4	110
29-1122	Occupational Therapists	80	100	20	25.0	0
29-1123	Physical Therapists	100	120	20	20.0	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	30	30	0	0.0	0
29-1126	Respiratory Therapists	120	160	40	33.3	0
29-1127	Speech-Language Pathologists	100	130	30	30.0	0
29-1131	Veterinarians	70	70	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	40	50	10	25.0	0
29-2011	Medical & Clinical Laboratory Technologists	130	160	30	23.1	0
29-2012	Medical & Clinical Laboratory Technician	110	130	20	18.2	0
29-2021	Dental Hygienists	100	140	40	40.0	0
29-2031	Cardiovascular Technologists & Technicians	40	60	20	50.0	0
29-2032	Diagnostic Medical Sonographers	30	40	10	33.3	0
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	120	150	30	25.0	0
29-2041	Emergency Medical Technicians & Paramedics	280	330	50	17.9	10
29-2051	Dietetic Technicians	30	30	0	0.0	0
29-2052	Pharmacy Technicians	140	180	40	28.6	0
29-2053	Psychiatric Technicians	40	50	10	25.0	0
29-2054	Respiratory Therapy Technicians	20	30	10	50.0	0
29-2055	Surgical Technologists	60	80	20	33.3	0
29-2056	Veterinary Technologists & Technicians	20	30	10	50.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	650	750	100	15.4	20
29-2071	Medical Records & Health Information Technicians	180	260	80	44.4	10
29-2081	Opticians, Dispensing	60	60	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	30	40	10	33.3	0
29-9091	Athletic Trainers	20	20	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	70	90	20	28.6	0
31-0000	Healthcare Support Occupations	3,770	4,680	910	24.1	140
31-1011	Home Health Aides	400	490	90	22.5	20
31-1012	Nursing Aides, Orderlies, & Attendants	2,320	2,850	530	22.8	80
31-1013	Psychiatric Aides	220	270	50	22.7	10
31-2011	Occupational Therapist Assistants	20	20	0	0.0	0
31-2021	Physical Therapist Assistants	70	100	30	42.9	0
31-2022	Physical Therapist Aides	30	50	20	66.7	0
31-9011	Massage Therapists	20	20	0	0.0	0
31-9091	Dental Assistants	200	260	60	30.0	20

		Average	Annual			
		Employ		Projected	Change	Total
SOC	_					Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
31-9092	Medical Assistants	180	250	70	38.9	10
31-9093	Medical Equipment Preparers	30	40	10	33.3	0
31-9094	Medical Transcriptionists	80	90	10	12.5	0
31-9095	Pharmacy Aides	40	40	0	0.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	50	70	20	40.0	0
31-9099	Healthcare Support Workers, All Other	110	130	20	18.2	0
33-0000	Protective Service Occupations	2,180	2,520	340	15.6	100
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	30	10	50.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	150	170	20	13.3	10
33-1021	First-Line Supervisors/Managers of Fire Fighting &					
	Prevention Workers	70	80	10	14.3	0
33-1099	First-Line Supervisors/Managers, Protective Service					
	Workers, All Other	10	20	10	100.0	0
33-2011	Fire Fighters	300	350	50	16.7	20
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	370	410	40	10.8	10
33-3021	Detectives & Criminal Investigators	60	70	10	16.7	0
33-3051	Police & Sheriff's Patrol Officers	610	700	90	14.8	30
33-9011	Animal Control Workers	20	30	10	50.0	0
33-9021	Private Detectives & Investigators	10	10	0	0.0	0
33-9032	Security Guards	340	390	50	14.7	20
33-9091	Crossing Guards	50	60	10	20.0	0
33-9099	Protective Service Workers, All Other	150	170	20	13.3	10
35-0000	Food Preparation & Serving Related Occupations	8,750	10,180	1,430	16.3	490
35-1011	Chefs & Head Cooks	70	90	20	28.6	0
35-1012	First-Line Supervisors/Managers of Food Preparation &					
	Serving Workers	790	920	130	16.5	30
35-2011	Cooks, Fast Food	710	780	70	9.9	30
35-2012	Cooks, Institution & Cafeteria	830	830	0	0.0	30
35-2014	Cooks, Restaurant	460	540	80	17.4	20
35-2015	Cooks, Short Order	230	250	20	8.7	10
35-2021	Food Preparation Workers	850	1,020	170	20.0	50
35-3011	Bartenders	240	270	30	12.5	10
35-3021	Combined Food Preparation & Serving Workers, Including					
	Fast Food	1,830	2,320	490	26.8	130
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee					
	Shop	320	370	50	15.6	30
35-3031	Waiters & Waitresses	1,510	1,780	270	17.9	110
35-3041	Food Servers, Nonrestaurant	190	200	10	5.3	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	190	210	20	10.5	10
35-9021	Dishwashers	290	320	30	10.3	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	190	230	40	21.1	10
35-9099	Food Preparation & Serving Related Workers, All Other	50	50	0	0.0	0
37-0000	Building & Grounds Cleaning & Maintenance					
	Occupations	4,040	4,870	830	20.5	170
37-1011	First-Line Supervisors/Managers of Housekeeping &					
	Janitorial Workers	190	230	40	21.1	10
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn					
	Service, & Groundskeeping Workers	80	100	20	25.0	0

		Average	Annual			Tatal
000		Employ		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
1	•	2002	2012	Number	1 CICCIII	Openings
37-2011	Janitors & Cleaners, Except Maids & Housekeeping					
07.0040	Cleaners	2,000	2,390	390	19.5	80
37-2012	Maids & Housekeeping Cleaners	840	1,020	180	21.4	40
37-2021	Pest Control Workers	30	40	10	33.3	0
37-3011	Landscaping & Groundskeeping Workers	830	1,020	190	22.9	40
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	40	40	0	0.0	0
37-3013 37-9099	Tree Trimmers & Pruners Building & Grounds Cleaning & Maintenance Workers, All	10	10	0	0.0	0
37-9099	Other	20	20	0	0.0	0
	Otilei	20	20	U	0.0	0
39-0000	Personal Care & Service Occupations	3,150	3,760	610	19.4	100
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service					
	Workers	130	150	20	15.4	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	70	90	20	28.6	0
39-3011	Gaming Dealers	10	20	10	100.0	0
39-3021	Motion Picture Projectionists	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	70	80	10	14.3	0
39-3091	Amusement & Recreation Attendants	140	160	20	14.3	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	20	30	10	50.0	0
39-3199	Gaming Workers, All Other	30	40	10		0
39-4011	Embalmers	70	70	0	0.0	0
39-4021	Funeral Attendants	30	40	10	33.3	0
39-5011	Barbers	60	60	0	0.0	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists Manicurists & Pedicurists	380 20	400	20	5.3 0.0	10
39-5092	Shampooers	10	20 10	0	0.0	0
39-5093 39-5094	Skin Care Specialists	20	30	0 10	50.0	0
39-5094	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants &	10	10	U	0.0	
00 0002	Baggage Porters	20	20	0	0.0	0
39-9011	Child Care Workers	770	910	140	18.2	30
39-9021	Personal & Home Care Aides	890	1,140	250	28.1	40
39-9031	Fitness Trainers & Aerobics Instructors	110	140	30	27.3	0
39-9032	Recreation Workers	190	230	40	21.1	0
39-9041	Residential Advisors	40	50	10	25.0	0
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
44 0000	Salan & Balatad Consumptions	40.000	40 440	4 420	42.0	500
<b>41-0000</b> 41-1011	Sales & Related Occupations First-Line Supervisors/Managers of Retail Sales Workers	<b>10,980</b> 1,070	<b>12,410</b> 1,220	<b>1,430</b> 150	13.0	520
41-1011	First-Line Supervisors/Managers of Non-Retail Sales	260	310	50	14.0 19.2	40 20
41-1012	Cashiers	3,390	3,900	510	15.0	220
41-2011	Gaming Change Persons & Booth Cashiers	3,390	3,900	0	0.0	0
41-2012	Counter & Rental Clerks	280	350	70	25.0	20
41-2021	Parts Salespersons	180	170	-10	-5.6	10
41-2022	Retail Salespersons	2,360	2,680	320	13.6	120
41-3011	Advertising Sales Agents	120	130	10	8.3	0
41-3011	Insurance Sales Agents	820	830	10	1.2	20
41-3031	Securities, Commodities, & Financial Services Sales	520	300	.0		2
5501	Agents	70	70	0	0.0	0
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	•	Average	Annual			Total
SOC	_	Employi	ment <sup>1</sup>	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
41-3041	Travel Agents	10	20	10	100.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing,	10	20	10	100.0	
	Technical & Scientific Products	160	190	30	18.8	0
41-4012	Sales Representatives, Wholesale & Manufacturing,					
	Except Technical & Scientific Products	1,120	1,290	170	15.2	50
41-9011	Demonstrators & Product Promoters	40	50	10	25.0	0
41-9021	Real Estate Brokers	130	130	0	0.0	0
41-9022	Real Estate Sales Agents	350	360	10	2.9	10
41-9031 41-9041	Sales Engineers Telemarketers	30 260	40 280	10 20	33.3 7.7	0
41-9041	Door-To-Door Sales Workers, News & Street Vendors, &	200	200	20	7.7	١
41-3031	Related Workers	30	30	0	0.0	0
41-9099	Sales & Related Workers, All Other	290	350	60	20.7	20
	·					
43-0000	Office & Administrative Support Occupations	16,510	17,620	1,110	6.7	470
43-1011	First-Line Supervisors/Managers of Office & Administrative	4 000	4 4 4 0	00	5.0	
40.0044	Support Workers	1,080	1,140	60	5.6	30
43-2011 43-3011	Switchboard Operators, Including Answering Service Bill & Account Collectors	150 250	150 330	0 80	0.0 32.0	0 20
43-3011	Billing & Posting Clerks & Machine Operators	400	420	20	5.0	10
43-3021	Bookkeeping, Accounting, & Auditing Clerks	1,580	1,660	80	5.1	40
43-3051	Payroll & Timekeeping Clerks	170	180	10	5.9	10
43-3061	Procurement Clerks	60	50	-10	-16.7	0
43-3071	Tellers	560	610	50	8.9	40
43-4021	Correspondence Clerks	10	10	0	0.0	0
43-4031	Court, Municipal, & License Clerks	120	120	0	0.0	0
43-4041	Credit Authorizers, Checkers, & Clerks	30	20	-10	-33.3	0
43-4051	Customer Service Representatives	1,250	1,510	260	20.8	50
43-4061	Eligibility Interviewers, Government Programs	50	50	0	0.0	0
43-4071	File Clerks	150	140	-10	-6.7	0
43-4081	Hotel, Motel, & Resort Desk Clerks	120	150	30	25.0	10
43-4111	Interviewers, Except Eligibility & Loan	130	170	40	30.8	0
43-4121	Library Assistants, Clerical Loan Interviewers & Clerks	150	170	20	13.3	10
43-4131 43-4141	New Accounts Clerks	110 80	90 90	-20 10	-18.2 12.5	0
43-4151	Order Clerks	260	220	-40	-15.4	0 10
43-4161	Human Resources Assistants, Except Payroll &	200	220	40	10.4	
10 1101	Timekeeping	100	110	10	10.0	0
43-4171	Receptionists & Information Clerks	620	760	140	22.6	30
43-4181	Reservation & Transportation Ticket Agents & Travel					
	Clerks	40	50	10	25.0	0
43-4999	Financial, Information, & Record Clerks, All Other	150	160	10	6.7	0
43-5011	Cargo & Freight Agents	140	160	20	14.3	0
43-5021	Couriers & Messengers	60	50	-10	-16.7	0
43-5031	Police, Fire, & Ambulance Dispatchers	130	150	20	15.4	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	110	130	20	18.2	0
43-5041	Meter Readers, Utilities	130	130	0	0.0	0
43-5051	Postal Service Clerks Postal Service Mail Carriers	70 330	90 420	20 90	28.6 27.3	0 20
43-5052 43-5053	Postal Service Mail Carriers  Postal Service Mail Sorters, Processors, & Processing	330	420	90	21.3	20
40-0000	Machine Operators	160	180	20	12.5	0
43-5061	Production, Planning, & Expediting Clerks	240	280	40	16.7	
.5 5551		0	_00	.0		

		Average	Annual			Total
200		Employ	ment <sup>1</sup>	Projected	Change	Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
1	·					
43-5071 43-5081	Shipping, Receiving, & Traffic Clerks Stock Clerks & Order Fillers	640 1,280	640 1,230	0 -50	0.0 -3.9	10 50
43-5001	Weighers, Measurers, Checkers, & Samplers,	1,200	1,230	-50	-3.9	30
43-3111	Recordkeeping	60	80	20	33.3	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing	00	00	20	00.0	
	Workers, All Other	10	10	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	1,060	1,120	60	5.7	30
43-6012	Legal Secretaries	100	130	30	30.0	0
43-6013	Medical Secretaries	150	160	10	6.7	0
43-6014	Secretaries, Except Legal, Medical, & Executive	1,480	1,460	-20	-1.4	30
43-9011	Computer Operators	100	80	-20	-20.0	0
43-9021	Data Entry Keyers	240	220	-20	-8.3	10
43-9022	Word Processors & Typists	50	40	-10	-20.0	0
43-9031	Desktop Publishers	50	60	10	20.0	0
43-9041	Insurance Claims & Policy Processing Clerks	40	40	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	70	70	0	0.0	
43-9061	Office Clerks, General	70 1,990	70 2,140	0 150	0.0 7.5	0 60
43-9061	Office Machine Operators, Except Computer	60	60	0	0.0	0
43-9081	Proofreaders & Copy Markers	20	20	0	0.0	
43-9999	Secretaries, Administrative Assistants, & Other Office	20	20	Ū	0.0	
40 0000	Support Workers, All Other	110	110	0	0.0	0
45-0000	Farming, Fishing, & Forestry Occupations	630	710	80	12.7	20
45-1011	First-Line Supervisors/Managers of Farming, Fishing, &	000		00	,	
10 1011	Forestry Workers	30	30	0	0.0	0
45-2011	Agricultural Inspectors	10	10	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0
45-2091	Agricultural Equipment Operators	100	120	20	20.0	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	260	290	30	11.5	10
45-2093	Farmworkers, Farm & Ranch Animals	90	110	20	22.2	0
45-3011	Fishers & Related Fishing Workers	40	40	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	40	40	0	0.0	0
47-0000	Construction & Extraction Occupations	4,850	5,820	970	20.0	170
47-1011	First-Line Supervisors/Managers of Construction Trades &					
	Extraction Workers	570	670	100	17.5	20
47-2011	Boilermakers	10	10	0	0.0	0
47-2021	Brickmasons & Blockmasons	40	50	10	25.0	0
47-2022	Stonemasons	10	20	10	100.0	0
47-2031	Carpenters	590	690	100	16.9	20
47-2041	Carpet Installers	40	50	10	25.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters Cement Masons & Concrete Finishers	10 170	20 220	10 50	100.0 29.4	0 10
47-2051 47-2061	Construction Laborers	680	820	140	29.4	20
47-2061 47-2071	Paving, Surfacing, & Tamping Equipment Operators	100	120	20	20.6	0
47-2071	Operating Engineers & Other Construction Equipment	100	120	20	۷.0	"
1. 2010	Operators	650	750	100	15.4	30
47-2081	Drywall & Ceiling Tile Installers	10	20	10	100.0	0
47-2082	Tapers	10	10	0	0.0	0
47-2111	Electricians	340	430	90	26.5	20

	·	Average	Annual			
200		Employi		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·			Number		
47-2121	Glaziers	30	30	0	0.0	0
47-2130	Insulation Workers	20	20	0	0.0	0
47-2141	Painters, Construction & Maintenance	130	140	10	7.7	0
47-2151	Pipelayers	30	40	10	33.3	0
47-2152	Plumbers, Pipefitters, & Steamfitters	260	310	50	19.2	20
47-2161	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	20	20	0	0.0	0
47-2181	Roofers	80	100	20	25.0	0
47-2211	Sheet Metal Workers	180	200	20	11.1	0
47-2221	Structural Iron & Steel Workers	20	30	10	50.0	0
47-3011	HelpersBrickmasons, Blockmasons, Stonemasons, &		4.0			
	Tile & Marble Setters	30	40	10	33.3	0
47-3012	HelpersCarpenters	80	100	20	25.0	0
47-3013	HelpersElectricians	30	40	10	33.3	0
47-3014	HelpersPainters, Paperhangers, Plasterers, & Stucco		4.0	•		
	Masons	10	10	0	0.0	0
47-3015	HelpersPipelayers, Plumbers, Pipefitters, & Steamfitters	40	40	0	0.0	0
47-3016	HelpersRoofers	10	20	10	100.0	0
47-3019	Helpers, Construction Trades, All Other	10	20	10	100.0	0
47-4011	Construction & Building Inspectors	40	50	10	25.0	0
47-4021	Elevator Installers & Repairers	10	10	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	30	50	20	66.7	0
47-4051	Highway Maintenance Workers	160	180	20	12.5	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	40	40	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	20	10	100.0	0
47-4999	Construction Trades & Related Workers, All Other	20	20	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	30	40	10	33.3	0
47-5012	Rotary Drill Operators, Oil & Gas	50	60	10	20.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	40	60	20	50.0	0
47-5021	Earth Drillers, Except Oil & Gas	10	10	0	0.0	0
47-5041	Continuous Mining Machine Operators	20	20	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	60	70	10	16.7	0
47-5081	HelpersExtraction Workers	50	70	20	40.0	0
47-5099	Extraction Workers, All Other	10	10	0	0.0	0
49-0000	Installation, Maintenance, & Repair Occupations	4,700	5,470	770	16.4	160
49-1011	First-Line Supervisors/Managers of Mechanics, Installers,	•	•			
	& Repairers	460	540	80	17.4	20
49-2011	Computer, Automated Teller, & Office Machine Repairers	70	80	10	14.3	0
49-2022	Telecommunications Equipment Installers & Repairers,					
	Except Line Installers	50	50	0	0.0	0
49-2091	Avionics Technicians	50	60	10	20.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	30	30	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers,					
	Transportation Equipment	20	30	10	50.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial					
	Equipment	40	50	10	25.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse,					
	Substation, & Relay	70	80	10	14.3	0
						••

	·	Average A				Total
SOC	<u>-</u>	Employr	ment <sup>1</sup>	Projected	Change	Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	30	30	0	0.0	0
49-2098	Security & Fire Alarm Systems Installers	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	40	50	10	25.0	0
49-3021	Automotive Body & Related Repairers	140	160	20	14.3	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	utomotive Service Technicians & Mechanics	530	590	60	11.3	20
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	280	330	50	17.9	20
49-3041	Farm Equipment Mechanics	50	50	0	0.0	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	140	20	16.7	0
49-3043	Rail Car Repairers	80	100	20	25.0	0
49-3052	Motorcycle Mechanics	10	10	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine					
	Mechanics	20	20	0	0.0	0
49-3093	Tire Repairers & Changers	180	200	20	11.1	10
49-9011	Mechanical Door Repairers	10	10	0	0.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical					
	Door	30	40	10	33.3	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &					
	Installers	130	160	30	23.1	0
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	290	350	60	20.7	20
49-9042	Maintenance & Repair Workers, General	1,160	1,370	210	18.1	40
49-9043	Maintenance Workers, Machinery	150	170	20	13.3	0
49-9044	Millwrights	40	50	10	25.0	0
49-9051	Electrical Power-Line Installers & Repairers	320	360	40	12.5	10
49-9052	Telecommunications Line Installers & Repairers	30	30	0	0.0	0
49-9062	Medical Equipment Repairers	10	10	0	0.0	0
49-9069 49-9091	Precision Instrument & Equipment Repairers, All Other Coin, Vending, & Amusement Machine Servicers &	10	10	0	0.0	0
	Repairers	20	30	10	50.0	0
49-9094	Locksmiths & Safe Repairers	10	10	0	0.0	0
49-9095	Manufactured Building & Mobile Home Installers	10	20	10	100.0	0
49-9096	Riggers	10	10	0	0.0	0
49-9097	Signal & Track Switch Repairers	10	20	10	100.0	0
49-9098	HelpersInstallation, Maintenance, & Repair Workers	70	90	20	28.6	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	60	70	10	16.7	0
51-0000	Production Occupations	16,160	16,880	720	4.5	410
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,100	1,240	140	12.7	30
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	20	20	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	30	20	-10	-33.3	0
51-2022	Electrical & Electronic Equipment Assemblers	210	190	-20	-9.5	10
51-2023	Electromechanical Equipment Assemblers	30	30	0	0.0	0
51-2031	Engine & Other Machine Assemblers	510	510	0	0.0	10
51-2041	Structural Metal Fabricators & Fitters	120	130	10	8.3	0
51-2091	Fiberglass Laminators & Fabricators	280	280	0	0.0	10
51-2092	Team Assemblers	2,180	2,080	-100	-4.6	60

		Average	Annual			Total
000		Employ	ment <sup>1</sup>	Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
	·					Operings
51-2099	Assemblers & Fabricators, All Other	150	140	-10	-6.7	0
51-3011	Bakers	170	190	20	11.8	0
51-3021	Butchers & Meat Cutters	170	170	0	0.0	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	620	660	40	6.5	10
51-3023	Slaughterers & Meat Packers	670	710	40	6.0	20
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine	00	00	40	50.0	
54 0000	Operators & Tenders	20	30	10	50.0	0
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	60	60	0	0.0	0
51-3099	Food Processing Workers, All Other	70	70	0	0.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal &	350	380	30	8.6	10
51-4012	Numerical Tool & Process Control Programmers	20	30	10	50.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, &	400	400	0	0.0	40
E4 4000	Tenders, Metal & Plastic	180	180	0	0.0	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal &	120	120	0	0.0	
E4 4000	Plastic  Polling Machine Setters Operators & Tanders Metal &	130	130	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	80	80	0	0.0	0
E4 4024		80	00	U	0.0	
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	310	320	10	3.2	10
E4 4022	Drilling & Boring Machine Tool Setters, Operators, &	310	320	10	3.2	10
51-4032	Tenders, Metal & Plastic	50	50	0	0.0	
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool	50	50	U	0.0	0
51-4033	Setters, Operators, & Tenders, Metal & Plastic	100	100	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, &	100	100	U	0.0	
51-4034	Tenders, Metal & Plastic	100	100	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders,	100	100	U	0.0	
51-4035	Metal & Plastic	50	50	0	0.0	0
51-4041	Machinists	400	440	40	10.0	10
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	70	60	-10	-14.3	Ö
51-4072	Molding, Coremaking, & Casting Machine Setters,	70	00	10	14.0	
01 1072	Operators, & Tenders, Metal & Plastic	280	290	10	3.6	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders,	200	200	10	0.0	
01 1001	Metal & Plastic	90	90	0	0.0	0
51-4111	Tool & Die Makers	80	80	0	0.0	o l
51-4121	Welders, Cutters, Solderers, & Brazers	670	780	110	16.4	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,					
	& Tenders	20	30	10	50.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders,					
	Metal & Plastic	40	40	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,					
	Metal & Plastic	40	40	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	10	-10	-50.0	0
51-4199	Metal Workers & Plastic Workers, All Other	40	40	0	0.0	0
51-5011	Bindery Workers	220	200	-20	-9.1	10
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	130	140	10	7.7	

	2012 Occupational	Outlook				
		Average	Annual			
200		Employ		Projected	Change	Total Annual
SOC Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
54 5000	Drawaga Tashaisiana 9 Markaya	000	400	00	40.0	
51-5022	Prepress Technicians & Workers	200	180	-20	-10.0	10
51-5023	Printing Machine Operators	450	490	40	8.9	10
51-5099	Printing Workers, All Other	30	30	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers  Proggers, Toytile, Cormont, & Related Meterials	200	230	30	15.0	10
51-6021	Pressers, Textile, Garment, & Related Materials	30	30	0	0.0	0
51-6031	Sewing Machine Operators	240	260	20	8.3	0
51-6051	Sewers, Hand	10	10	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers  Taytile Cutting Machine Setters, Operators, & Tanders	20	20	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders  Textile Winding Twinting & Drawing Out Machine Setters	30	30	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters,	20	20	0	0.0	
F4 C004	Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, &	10	10	0	0.0	
E4 6000	Tenders, Synthetic & Glass Fibers	10	10	0	0.0	0
51-6092	Fabric & Apparel Patternmakers Upholsterers	120	110	0	-8.3	0
51-6093 51-6099	·	120	20	-10 10	100.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other Cabinetmakers & Bench Carpenters	320	350	30	9.4	0 10
51-7011	Furniture Finishers	320 40	40	_	0.0	
51-7021		20	20	0	0.0	0
51-7032	Patternmakers, Wood Sawing Machine Setters, Operators, & Tenders, Wood	90	80	0 -10	-11.1	0
51-7041	Woodworking Machine Setters, Operators, & Tenders, Wood	90	00	-10	-11.1	
31-7042	Except Sawing	130	120	-10	-7.7	0
51-7099	Woodworkers, All Other	10	120	0	0.0	0
51-7099	Power Distributors & Dispatchers	20	30	10	50.0	0
51-8012	Power Plant Operators	120	130	10	8.3	0
51-8013	Stationary Engineers & Boiler Operators	40	40	0	0.0	0
51-8021	Water & Liquid Waste Treatment Plant & System	40	40	U	0.0	
31-6031	Operators	120	140	20	16.7	0
51-8091	Chemical Plant & System Operators	100	110	10	10.7	0
51-8091	Gas Plant Operators	20	30	10	50.0	0
51-8092	Petroleum Pump System Operators, Refinery Operators, &	20	30	10	30.0	
31-0093	Gaugers	80	90	10	12.5	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	30	40	10	33.3	0
51-9011	Separating, Filtering, Clarifying, Precipitating, & Still	30	40	10	55.5	
31-3012	Machine Setters, Operators, & Tenders	30	30	0	0.0	0
51-9021	Crushing, Grinding, & Polishing Machine Setters,	30	30	U	0.0	
31-3021	Operators, & Tenders	80	80	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	100	110	10	10.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	170	170	0	0.0	10
51-9023	Cutters & Trimmers, Hand	40	50	10	25.0	0
51-9031	Cutting & Slicing Machine Setters, Operators, & Tenders	110	120	10	9.1	0
51-9032	Extruding, Forming, Pressing, & Compacting Machine	110	120	10	5.1	
31 3041	Setters, Operators, & Tenders	150	150	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	60	60	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	560	600	40	7.1	10
51-9001	Jewelers & Precious Stone & Metal Workers	10	10	0	0.0	0
51-9071	Dental Laboratory Technicians	30	30	0	0.0	0
51-9082	Medical Appliance Technicians	10	10	0	0.0	0
51-9083	Ophthalmic Laboratory Technicians	20	20	0	0.0	0
51-9003	Packaging & Filling Machine Operators & Tenders	390	450	60	15.4	20
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	·	Average Employi		Drainatad	Changa	Total
SOC Code	Occupational Title	2002	2012	Projected Number	Percent	Annual Openings <sup>2</sup>
	Coating, Painting, & Spraying Machine Setters, Operators,	2002	2012	- runnon	. 0.001.1	Орогиндо
51-9121	& Tenders	250	280	30	12.0	10
51-9122	Painters, Transportation Equipment	30	30	0	0.0	0
51-9123	Painting, Coating, & Decorating Workers	30	30	0	0.0	0
51-9131	Photographic Process Workers	30	30	0	0.0	0
51-9132	Photographic Processing Machine Operators	80	90	10	12.5	0
51-9191	Cementing & Gluing Machine Operators & Tenders	30	30	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators	00	00	0	0.0	
51-9193	& Tenders Cooling & Freezing Equipment Operators & Tenders	20 20	20	0	0.0 0.0	0
51-9193	Etchers & Engravers	20	20 20	0	0.0	0 0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	10	10	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	50	50	0	0.0	Ö
51-9197	Tire Builders	130	140	10	7.7	0
51-9198	HelpersProduction Workers	740	760	20	2.7	20
51-9199	Production Workers, All Other	260	280	20	7.7	10
53-0000	Transportation & Material Moving Occupations	8,790	9,730	940	10.7	270
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	150	170	20	13.3	0
53-1031	First-Line Supervisors/Managers of Transportation &	150	170	20	10.0	
00 1001	Material-Moving Machine & Vehicle Operators	220	250	30	13.6	10
53-2012	Commercial Pilots	10	10	0	0.0	0
53-2021	Air Traffic Controllers	10	10	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency					
	Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity					
50.4044	r Leasurativa Facinassa	30	30	0	0.0	0
53-4011	Locomotive Engineers	90	110	20	22.2	0
53-4013 53-4021	Rail Yard Engineers, Dinkey Operators, & Hostlers Railroad Brake, Signal, & Switch Operators	20 70	20 70	0	0.0 0.0	0 0
53-4021	Railroad Conductors & Yardmasters	70 70	90	20	28.6	0
53-4099	Rail Transportation Workers, All Other	10	10	0	0.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	100	110	10	10.0	10
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	20	30	10	50.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	80	90	10	12.5	0
53-7021	Crane & Tower Operators	30	40	10	33.3	0
53-7032 53-7041	Excavating & Loading Machine & Dragline Operators	40 10	60 10	20	50.0 0.0	0
53-7041 53-7051	Hoist & Winch Operators Industrial Truck & Tractor Operators	580	630	0 50	8.6	0 20
53-7051	Cleaners of Vehicles & Equipment	230	260	30	13.0	10
53-7061	Laborers & Freight, Stock, & Material Movers, Hand	1,570	1,550	-20	-1.3	50
53-7063	Machine Feeders & Offbearers	390	400	10	2.6	10
53-7064	Packers & Packagers, Hand	970	1,050	80	8.2	

SOC		Average Employ	4	Projected	Change	Total Annual
Code	Occupational Title	2002	2012	Number	Percent	Openings <sup>2</sup>
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	60	80	20	33.3	0
53-7081	Refuse & Recyclable Material Collectors	120	140	20	16.7	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	20	20	0	0.0	0

#### Footnotes:

<sup>1</sup> Average Annual Employment in the 2002 and 2012 columns may not add due to suppression and rounding.

<sup>2</sup> The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to supression and rounding.